

Christy Shorey (UF) and Mark Sullivan (Sobek Digital)

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Contents

- Introduction to IR@UF & SobekCM
- Tour of public functionality
- Workflow overview
- Related projects and future considerations

Introduction to UF@IR and SobekCM



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Brief History of IR@UF

- 2006 created IR@UF as collection within UFDC
 mediated deposit
- 2008 start of RDS project, files into IR@UF
- 2009 self-submittal tool via myUFDC
- 2009 began hosting PILOs
- 2011 began hosting supplemental data
- 2012/2013 systemize ETD ingest into IR
- 2013/2014 harvest earlier ETDs into IR

IR@UF Today

- Content
 - 41,972 items in 28,329 titles
 - Over two million pages
 - Over 15 thousand theses and dissertations
- Usage
 - Over 14 million views
 - Almost 1 million visits

SobekCM

- Open source, integrated workflow, tracking, management, and presentation for digital resources of all types.
 - Photographs
 - Books
 - Newspapers and serials
 - Aerial imagery with geographic searching
 - Museum objects
 - Theses and dissertations

Brief History of SobekCM Development

Year	Accomplishment
2006	 SobekCM First Released Display layer over Greenstone Digital Library Written in C#, served by Windows IIS Based on MODS/METS
2011	 Version 3.0 Released Second major rewrite No longer dependent on Greenstone Digital Library Integrated tracking and workflow SobekCM Released as Open Source
2013	 Version 4.0 Released HTML5 / CSS3 Online Quality Control
2014	Sobek Digital Hosting & Consulting created to offer hosted solution

SobekCM Today

- Over 10 million pages
- Housing content from over 100 institutions
- Over 200 million hits
- Approximately fifteen independent instances

Afro-Antillean Museum Samaap

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System

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Association for Cultural

Belize National Library Service and Information

Biblioteca Nacional José

Bibliotheque Haitienne des



Ball State University

APEC

Biblioteca Fidel Méndez

Núnez de la Universidad

Biblioteque Nationale Haiti



Archives Nationales d' Haïti



Barbados Museum and Historical Society Library



Biblioteca Nacional Aruba



Bibliotheque Haitienne des F.



Brigham Young University



Cape Coral Historical Society

Caribbean Studies Association

City of St. Augustine's Archaeology Program



Columbia Library



Curaçao Public Library



Duke University Libraries



Estero Island Historic Society



Florida Academic Repository (FLARE)







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British Museum of Natural BMNH History

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Cornell University Law





Cuban Genealogy Club of Miami











Florence Williams Public













Flagler College

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FLORIDA MUSEUM

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Florida Agricultural and V. Mechanical University

Florida Museum of Natural



Florida Gulf Coast University

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Presidential Library





Florida International FIII University



Florida State House of Representatives

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Museum

George Mason University



Gulf Coast State College Library



Hendry County Public Library System



Institute of Advanced Legal Studies Library



Jbmillet Architects



LA Law Library

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Max Planck Institute for Comparative and International Law Studies Library – Heidelberg



National Library of Jamaica



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Fundación Global Democracia y Desarrollo

> George Washington University Law Library



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New College of Florida Jane Bancroft Cook

Northwest Florida State College

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Panama Canal Museum



Pontificia Universidad Católica de Puerto Rico



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Secretaría de la Cultura y las Artes



Southwest Florida Library Network



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Tolomato Cemetery

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U.S. Army JAG School



Universidad de Oriente, Venezuela



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Virgin Islands Department of Education



Water Conservation Project





Tour of Public Functionality



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Quick Tips

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Boolean Searching

Use + or *and* between terms to find records with all the terms. Use - or *or* between terms to find records with *any* of the terms. Use ! or *and not* between terms to exclude records with terms. If nothing is indicated, *and* is the default. EXAMPLE: natural and not history

Phrase Searching

Placing quotes around a phrase will search for the exact phrase. EXAMPLE: "natural history"

Capitalization

Searches are not capitalization sensitive. EXAMPLE: Searching for NATURAL will return the same results as searching for natural

Diacritics

To search for words with diacritics, the character must be entered into the search box. EXAMPLE: Searching *Précédent* is a different search than *Precedent*

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The University of Florida Theses & Dissertations Collection within the Institutional Repository at the University of Florida will eventually include all theses and dissertations from the University of Florida. The collection currently includes:

- Open Access Theses & Dissertations, originally submitted electronically (ETDs)
 - Data, data sets, and supplementary data related to theses and dissertations
- Projects in Lieu of Theses, submitted electronically but which would otherwise not be available online (submission help)
- Retrospective dissertations, digitized from print-only dissertations (information on this service for dissertation authors)
- UF Undergraduate Honors Theses (new in 2013/2014)

Usage statistics for each ETD are available under the "description," and overall usage statistics are available here.

For dissertations not covered by the *Retrospective Dissertation Scanning Policy*, thesis and dissertation authors can grant permissions to have their theses and dissertations added to the *University of Florida Theses & Dissertations Collection*. For print-only theses and dissertations, the permissions form and mailing address are available here. Authors can also grant permissions and submit electronic theses and dissertations through the online self-submittal form here.

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Creator:	Robinson, Rachel	 Transfer all the state of the s			
Publisher:	University of Florida	Balance of the second sec			
Place of Publication:	Gainesville, Fla.				
Publication Date:	2009				
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Degree:	Master's (M.A.)				
Degree Grantor:	University of Florida				
Degree Disciplines:	English				
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Committee Members:	Ongiri, Amy A.				
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	Theses				

The first collection loaded into the NCF Digital Collections was the New College Student Theses Collection from a legacy system. From 1967 through 2008, students only turned in print theses, which the library has bound and houses in a dedicated thesis room. From 2009 on, students are also required to submit an electronic thesis in PDF format in addition to the print version. These digital objects are loaded into the repository. From 1967-2008, the thesis database only contains citation information. From 2009 to present, it also includes the electronic PDF theses.

Additional Content

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- Student Publications
- Photographs
 - Commencement Programs and Addresses

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New College Digital Collections

Student Theses

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EXAMPLE: natural and not history

Phrase Searching

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Placing quotes around a phrase will search for the exact phrase.



United States Public Policy Regarding Genetically Modified Foods

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Area of Concentration ₽↓ -Student: Zimmerman, Jennifer A. Psychology (494) Faculty Sponsor: Alcock, Frank Biology (397) Graduation Date: 2012 Humanities (312) Literature (292) Degree: Bachelors (B.A.) Political Science (275) Thesis Degree Grantor: New College of Florida Economics (270) Thesis Division: Social Sciences Anthropology (263) Sociology (249) Area of Concentration: Political Science Philosophy (228) Subjects.Display: Agriculture General Studies (216) Show More >> Labeling Genetic: Modification ₽↓ Thesis Division Social Sciences (2111) Humanities (1829) (Dis) Integrated Material 3 Natural Sciences (1257) Hubin, Katherine E. Student: Faculty Sponsor ₽↓ Faculty Sponsor: Edidin, Aron Theses Gilchrist, Sandra (168) Graduation Date: 2001 Beulig, Alfred (156) Callahan, Charlene (149) Degree: Bachelors (B.A.) Morrill, John (143) Pagard Only

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Thesis/Dissertation Information

Degree:	Bachelor's (B.A.)
Degree Grantor:	New College of Florida
Degree Divisions:	Humanities
Area of Concentration:	Philosophy, Religion
Faculty Sponsor:	Berggren, Douglas





Workflow Overview



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Workflow Overview



Workflow Overview



Workflow Overview

- 1. GIMS (Graduate School)
- 2. ETD Processor
- 3. Load into SobekCM
- 4. Cataloger Review
- 5. Online (lifecycle) Management
- 6. Automatic Unembargo (optional)

1. GIMS (from the Graduate School)

- Student submits ETD to Graduate School via GIMS
- ETD review process
- Departments submit defense forms, UF publishing agreement via GIMS
- GIMS pulls student information from university records
- Student graduates; GEO sends list to libraries
- Library reviews list
- GEO generates XML; validates through GIMS
- FTP files and XML to libraries
- XML is in MARC ready format

- A. Loads the data from GIMS
- B. Validates, augments, and does some metadata correction
- C. Hides some metadata for DARK items
- D. Saves a (updated) METS / MODS digital resource package
- E. Includes "custom" metadata module
- F. Loads into archives and IR@UF / SobekCM

- A. Loads the data from GIMS
- B. Validates, augments, and does some metadata correction
- C. Hides some metadata for DARK items
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- E. Includes "custom" metadata module
- F. Loads into archives and IR@UF / SobekCM



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ETD Metadata Module

(Thesis_Dissertation_Info: iMetadataModule)

Committee Chair Committee Co-Chair Committee Members Degree Degree Discipline Degree Grantor Degree Level Graduation Date

ETD Preperation	n Tool	
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3. Load into IR@UF / SobekCM

- A. Item is picked up by the SobekCM Builder process
- B. Embargo information read from METS
- C. MARC record generated from the MODS
- D. Public items are available for searching/display

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502		a Thesis (Ph.D.)University of Florida, 2008.
504		a Includes bibliographical references.
506		a Applicable rights reserved.
520	3	Ia Principal bundles have a well-known description in terms of nonabelian cocycles of degree 1 with values in a sheaf. A more general notion than that of a sheaf on a space X is that of a lien on X. A lien on X is an object that is locally defined by a sheaf of groups, with descent data given up to inner conjugation. Equivalences classes of gerbes with a given lien L are classified by nonabelian degree 2 cocycles. In his work, Lawrence Breen has given a similar classification of 2-gerbes using nonabelian degree 3 cocycles that take values in a family of group stacks. In our work, we defined the notion of a 2-lien on a space X. It is an object that is given locally by a group stack, with 2-descent given up to inner equivalence. We have proved some theorems about 2-liens of 2-gerbes which correspond to well known results about liens of gerbes. Also, Deligne has shown that any strict Picard stack G corresponds to a 2-term complex of abelian sheaves K. In this case we proved that H^3(X,G) is isomorphic to the hypercohomology group H^3(X,K).
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Degree Grantor:	University of Florida			
Degree Disciplines:	Pharmaceutical Sciences, Pharmacodynamics			
Committee Chair:	Liu, Bin			
Committee Members:	Ellis, Dorette Peris, Joanna N Grieshaber, Scott Stephen Barber, David S			
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4. Cataloger Review

- A. SobekCM creates MARC report based on TKR/tickler field (per semester)
- B. Cataloging reviews the records for accuracy, versus the online digital resource, updating online record as necessary.
- C. MARC report is loaded to OCLC

5. Online (lifecycle) Management

- A. Aggregation behaviors
- B. Aggregation-specific Item Reports
- C. Item Metadata
- D. Item Embargo Date

(Currently students cannot change their embargo date in the online system .. must email)

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There are a total of 978 items in 975 titles.

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Learning Object Metadata (IEEE-LOM)



Thesis / Dissertation Metadata (ETD)

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Committee Co-Chair:			0
Committee:	Ongiri, Amy A.		0
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Cultural Context:

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University of Florida Digital Collection

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Edit item-level permissions for this currentItem

- Use this form to change visibility (and related embargo dates) on this currentItem
- This form also allows ip restriction and user group permissions to be set
- Click here for detailed instructions on editing permissions online.

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6. Automatic Unembargo

- A. When embargo date is reached, material is automatically made public by the SobekCM Builder service.
- B. Notification email is sent to collection manager(s)
- C. Hidden metadata is loaded over "scrubbed" METS and reprocessed

Related projects and future considerations

Sobek image created by Jeff Dahl and is shared under the GNU Public License

RDS – Retrospective Dissertation Scanning Project

- 2006 started scanning print dissertations upon author request
 - scanned in-house
 - Items hosted in IR
- 2008 began RDS project in earnest
 - Scan majority with vendor
 - Items hosted on vendor site, and ingested into IR
 - Special items scanned in-house
 - Items hosted in IR

RDS – Retrospective Dissertation Scanning Project

Metadata is collected from print records

- Sent to vendor
- Create catalog record for digital copy
- MARC records pulled to match to files ingested from vendor

Terminal Projects of Different Flavors

ETDs

- Permissions granted at submission, via GIMS
- File from GEO
- Metadata from GIMS
 - Into IR
 - To Cataloging to create MARC Record for ALEPH and OCLC
- May contain supplemental files
- May include embargo or other restriction period

RDS

- Opt-Out policy
- Scanned at vendor, or in house
- Metadata from print catalog record

Terminal Projects of Different Flavors

PILOs

- Permissions granted at submission, collected by departments
- File from department
- Metadata entered based on file
- May contain supplemental files
- May include IP restriction

Honors Theses

- Permissions granted at submission, by student
- File submitted by student
- Metadata entered based on file

Terminal Projects

The goal is to get all terminal projects in the IR and manage them using the same tools. Looking at ways to normalize the metadata, and the workflows, so the user experience will be the same for all scholarly works.

Supplemental Materials

Data Videos Audio Code Etc

- Self-submitted by graduate students into IR
- Student adds metadata and uploads file(s)
- Submission creates PURL which can be added to the body of the ETD
- Take advantage of hosting within robust digital library infrastructure



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Reeu, Shawn	Oviedo Village Center Semin	ole County		2000	00-01	Williams, Bob Grist, Les Linscott.	
Anuszkiewicz, Christopher J.	Florida: A Mixed-Use Master Urban and the Natural	Plan Hinging the	Wade-Trim, Tampa, FL	2002	LAA 02-01		
Cox, James Allen	Oconaluftee Visitor Center: O Mountains National Park	Great Smoky	National Park Service/Denver Service Center	2002	LAA 02-02		
Glaze, Steven	South Port Community Park		City of Orlando, Orlando, FL	2002	LAA 02-03		
Hendricks, G. Allan	Bruce Borland Center for Co Enrichment	mmunity	Palm Beach Community Church, Palm Beach Gardens	2002	LAA 02-04		
Kees, Charles J.	Wilmington Nature Park		Urban Resource Group, Cary, NC	2002	LAA 02-05		
Harrison, Eric	Saevus Amnius: Raging Rive	er	Steve Rich & Rapid Pursuits Inc.	2002	LAA 02-06		
Larsen, Jennifer	Integrating Public Use & Hab the Lower Suwanee National Assessing the Nature/Humar	vitat Protection on I Wildlife Refuge, n Interface	U.S Fish & Wildlife Service, Lower Suwannee NWT, FL	2002	LAA 02-07		
Meeker, Andy Gaines	Experience Clermont Waterf	ront Park	City of Clermont, FL	2002	LAA 02-08		
Pedersen, Havley	Creating Habitats for Learning Ea	g: Bradford High	University of Florida, Bradford High	2002	LAA 02-09	Advisor(s): Not listed. Starke, Florida.	
Portus, Stephanie	City of West Palm Beach Do System	wn Town Trail	City of West Palm Beach, Department of Parks & Recreation	of 2002	LAA 02-10	Advisor: Mike Sobczak. Alternate title from cover: City of West Palm Beach Down Town Trail System.	
Schofield, Frik	McGregor Smith Scout Rese	rvation		2002	LAA 02-11		
Schneider, Tracev	Florida Wildlife Hospital and	Sanctuary		2002	LAA 02-12		
Stevens, Suzanne M	Christian Church Conference	e Center	Silver Spring, FL	2002	LAA 02-13		
Weisstanner, Nicole	Cross Florida Greenway Wild & Rehabilitation Center	dlife Viewing Park	Les Linscott, Cross Florida Greenway Project Coordinator University of Florida Department of Landscape Architecture	a 2002	LAA 02-14		
White, G. Kevin	Bailey Center at North Main		City of Gainesville	2002	LAA 02-15	Advisor:Terry Schnadelbach	
Winters, Alexis N.	Restoring Olmsted's Lake W	ales	City of Lake Wales Mainstreet Foundation & the Lake Wales Olmsted Committee	2002	LAA 02-16		
Yoke, Sabrina	Howey Mansions & Gardens Hills, FL	: Howey-in-the-	Howey in the Hills, FL	2002	LAA 02-17	Advisor: Terry Schnadelbach. Client: Marvel Zona	
Arencibia, Manuel	Redevelopment of Cuban Me and the Latin Quarter	emorial Boulevard		2003	LAA 03-01	Little Havana. Miami, Florida. Advisors: Kay Williams and Gary Purdu	m.
Harris, Jeremy R.	Celebration oaks:a guide to o development.	community		2003	LAA 03-02	Gainesville, Florida. Advisors: Kay Willams and Gary Purdum.	
Kling, Carol	Malabar Station:master plan development within a Scrub	ning for Jay habitat.		2003	LAA 03-03	Malabar, Florida. Brevard County, Florida. Advisor: not listed.	
Kurtgis,	Bayfront Redevolopment Par	rk:Clearwater,		2003	LAA	Advisors: Kay Williams and Gary Purdum	

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Contact Information

Christy Shorey Manager of UF IR, and Theses and Dissertations Program Digital Services, University of Florida <u>chrshor@uflib.ufl.edu</u> 352-273-2831

Mark V. Sullivan Application Architect and CIO Sobek Digital Hosting and Consulting <u>Mark.V.Sullivan@sobekdigital.com</u> <u>http://sobekdigital.com</u> 352-682-9692