SobekCM

Compiled for presentation to the
Digital Library Working Group
School of Oriental and African Studies
SobekCM

Is a digital library system

built at and maintained by the
University of Florida’s Digital Library Center

and

coc-developed in partnership
with a variety of institutions.
Unlike Fedora-based systems, SobekCM is maintained centrally to ensure consistency of code and optimal performance.
SobekCM is . . .

• programmed in C#
  with profuse in-code comments

• runs under the .NET framework

• optimized for Windows Server environments
  though it’s web interface runs on every OS

• released as open-source

• works out of the box with very little configuration

• architecture, code, etc. is clearly documented
  and available on-line at http://ufdc.ufl.edu/sobekcm
SobekCM offers . . .

• a database back-end
• front-end user interfaces
  and
• a workflow management tool
Software Requirements

• The SobekCM builder

• Microsoft SQL Server
  MS SQL Express (*freeware*) if necessary
  Including its IIS web server

• SOLR/Lucene

• File Server / File System

• JPEG2000 Server
  Soon to be replaced by Microsoft SeaDragon

• Caching Server (optional)
Hardware Requirements

• Will run virtualised
• Minimum of 4GB RAM & 80GB disk space
• Optimally, 10GB RAM & several CPU cores
• Total drive space, dependent upon volume of files to be served
Development & Co-development

• Development – centralized
  the University of Florida

• Co-Development – coding partners
  external code, subsequently integrated centrally
  e.g., Florida International University: coding GIS support

• Co-Development – non-coding partners
  forward development ideas
  the majority of SobekCM users
SobekCM Communities

• Florida Group
  academic and public libraries
  historical societies and museums
  working predominantly in English

• Caribbean Group
  academic, public and national libraries and archives
  NGO & special interest organisations
  working predominantly in English, French, Kreyol, and Spanish

• Publishers & Societies
  newspaper publishers & topical societies
  working predominantly in English, French and Spanish, as well as Russian
Interface Languages

- Public Interfaces rendered in English, French & Spanish, and soon Kreyol

Could support any Language into which SOAS is willing to translate page elements.
Supported Languages & Characters

• SobekCM is UNICODE compliant
  ▪ Store any character set
    ▪ Query any text
      as long as saved in a searchable format
Resource Types

- SobekCM serves a wide variety of resources types
  - archival documents
  - artefacts – in 2D and 3D
  - books
  - data-sets
  - ephemera
  - journals & journal articles
  - maps
  - newspapers
  - photographs & aerial photos
  - sound recordings
  - video recordings
  - etc.
File Formats

- SobekCM is open to all file formats
  - object behaviours are set at the file level
  - versions of a single object are stored together
    - e.g., oral history audio, video, transcript, & published copy
  - online files maintained in the PairTree microservices format
Inter-Operability

• Supports automatic feed into OPAC/LMS
  MARC21/MARC XML, METS/MODS
  Dublin Core, EAD, GML/KML, MXF, TEI, VRA
  *Fully Extensible – can accommodate IMDI, OLAC, electronic theses, etc.*

• Integrated OAI-PMH
  Open Archives Initiative, Harvesting Protocol
  Worldwide reach via Google, Bing, Yahoo, and other search engines
  Compliant with requirements of the Internet Archive, OAIster, etc.
Exemplary metadata support

- Unparalleled MARC ➔ MODS / MODS ➔ MARC mapping
METS Editor
This application is used for viewing, editing, and creating METS files for SobekCM. This software is freely available and can be used for any other purpose for which it seems applicable.

What would you like to today?

- Create new METS file
- Open existing METS file
- Load METS file from the web
- Batch METS file creation
- View online help for this application
### Basic Information

**Main Title:** Alachua, Alachua County, Florida, 1912

**Other Titles:** Empty Other Title

**Resource Type:** Map 1 map : col. ; on 3 sheets 65 x 55 cm. -- nyu -- eng -- 600 ...

**Language:** English

### Name Authorities

**Creator:** Sanborn Map Company

**Donor:**

### Publication Details

**Publisher:**
- **Name:** Sanborn Map Company
- **Location(s):** New York

**Manufacturer:**
- **Name:**
- **Location(s):**

**Publication Date:** 1912

**Copyright Year:**

**Edition:**
Subjects

Subject Keyword:
- Insurance, Fire -- Maps -- Florida -- Alachua (lcsh)
- Maps -- Alachua (Fla.) (lcsh)
- Sanborn maps -- 1:600 -- Florida -- Alachua -- 1912 (local)
- Sanborn maps -- Florida (local)
- Maps -- 1:600 -- Alachua (Fla.) -- 1912 (local)

Genre:
- single map Scheme: marcgt
- indexed Scheme: marcgt

Temporal Subject:
Start Year: [ ] End Year: [ ] Period: [ ]

Hierarchical Geographic:

Coordinates:

Target Audience:

Notes

Abstract:

Note:
(Additional Physical Form) Black and white version also available on microfilm.

Fire insurance map which shows building construction by hand coloring, locations of windows and doors...

Shows factories, commercial and religious occupancy of buildings, dwellings with property boundaries...

Includes notes on population, water facilities, fire department and prevailing winds.

Includes special index, sheet index, key to building colors and other features, and location map on...

"November 1912."
In addition to defining object behaviours and a structure map, and calculating checksums (MD5 and SHA-1), the METS editor also reads the technical metadata needed for digital preservation from file headers.
Stepping through the MAIN PUBLIC INTERFACE

http://ufdc.ufl.edu/
http://www.dloc.com
MAIN INTERFACE

- Institutional banner
- Splash screen
- Basic search box
- Highlighted items
- Description
- Collections / Sub-Collections and Views
- Footer
Main Interface – Variations
Collection Views – Variations
Collection Views – Drilling Down

Top Level

Common Elements:
• Collection Banner
• Collection Description
• Subcollections
Collection Views – Drilling Down

Intermediate

Common Elements:
• Collection Banner
• Collection Description
• Subcollections
Collection Views –
Drilling Down

Bottom Level

Common Elements:
• Collection Banner
• Collection Description
Simple Search
Advanced Search

- Search for:
  - and
  - and
  - and

Search Options
- Precision:
  - Contains exactly the search terms
  - Contains any form of the search terms
  - Contains the search term or terms of similar meaning

Quick Tips
- **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 for 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"
Text Search

Quick Tips

- **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
Map Search

DIGITAL LIBRARY OF THE CARIBBEAN

Click here to view instructions for this search interface
Address: Enter address (i.e., 12 Main Street, Gainesville Florida) Find Address

Search

SHOW COORDINATES

Map Satellite

The following 5 titles from the same coordinate point:

Video Interview with Pierre Ernest Even of the Bibliothèque nationale des Frères de l'Instruction Chrétienne, the library at Saint Louis de Gonzague, at the Bibliothèque National in Haiti after the January 12, 2010 Earthquake
Date: February 2010
Author: Brooks Woodruff, Matthew J. Smith, Pierre Ernest Even
Publisher: National Library of Haiti

Video Interview with Francois Beaulieu Thiboule (Director of the Bibliothèque National in Haiti) at the Bibliothèque National in Haiti after the January 12, 2010 Earthquake
Date: February 2010
Author: Thiboule, Francois Beaulieu (Interviewee), Smith, Matthew J. (Interviewer), Woodruff, Brooks (Interviewer)
Publisher: National Library of Haiti
**Partner Browse**

SOAS could use Partner Browse to acknowledge Partners or to bring together a collection of the Bloomsbury Libraries.
Partner Browse

The collections of the Bloomsbury Libraries could be presented both as partners or as separate digital libraries – without having to write new code.

This feature is unique among digital library systems.
QUERIES
Query

customisation
Query customisation
Query parameters
Query

North Africa and South Africa
Author: John Thomson & Co. f.1813-1889
Publisher: J. Thomson & Co. (Edinburgh)
Format: 1 map : col ; 2 maps on one sheet 62 x 52.4 cm.

Food problems and prospects in Sub-Saharan Africa: the decade of the 1980's
Date: 1980
Publisher: United States Department of Agriculture, Economics, Statistics and Cooperatives Service

Carte de la coste orientale d'Afrique depuis le Cap de Bonne Esperance jusqu'au Cap del Gada
Author: Bellin, Jacques Nicolas, 1703-1772
Prevost, 1697-1763
Publisher: s.n. (Paris)
Format: 1 map : col. ; 21.4 x 23.4 cm. on sheet 28 x 24.2 cm.

Author: (varies)
Format: (varies)

Women and sustainable food production in Africa
Date: 1995
Author: Gladwin, Christine H.
Publisher: Institute of Food and Agricultural Sciences, University of Florida
Format: 23 p : ill. ; 28 cm.
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>North Africa and South Africa</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Food problems and prospects in Sub-Saharan Africa: the decade of the 1990's</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Carte de la coste oriental d'Afrique depuis le Cap de Bonne Esperance jusqu'au Cap del Gada</td>
<td>1980</td>
</tr>
<tr>
<td>4</td>
<td>Frank Jolles collection of Richard Ndimande's Zulu South African ... (47 photograph sets)</td>
<td>1990</td>
</tr>
<tr>
<td>5</td>
<td>Women and sustainable food production in Africa</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>South Central Africa</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>South Africa</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Carta seconda Generale d'Africa</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Science in Africa</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>'Engendering' Eden</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>ABISSINO RUM SIVE Pretiosi loan nis Imperiu</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>ARC for the advancement of agriculture</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Guinea</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Women in food production and food security in Africa</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Colonie Dell'Africa Orientale Italiana e Abissinia</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>CARTE DE LA BAYE DE SAINTE HELENE</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Report of a workshop on drought power and animal feeding in Eastern and Southern Africa</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Le Pays des Hottentots aux Environs du Cap de Bonne Esperance</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Coste Occidentale d'Afrique</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>A Gameplan for a regional farming systems research development program in the West and Central African regions</td>
<td></td>
</tr>
</tbody>
</table>

**Query**

**Returns**

**table view**
Query

Returns

thumbnails
Query
Returns
Text Search
BOOK NAVIGATION
PAGE TURNER application
PAGE TURNER application

Display controls

Thumbnail with navigation control
Personalisation
TABLE OF CONTENTS
TABLE OF CONTENTS: Journals

Alachua County Today.

All Issues

2007
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

2008

2009

2010

2011

TABLE OF CONTENTS

Section A: Main
Section A: Main: Community...
Section A: Main continued
Section A: Main Voice of the...
Section A: Main continued
Section B: Sports
Section C: Classifieds

UNIVERSITY of FLORIDA
P.K. Yonge Library of Florida History
### Full Citation

**Permanent Link:**
http://ufdc.ufl.edu/UF000825848/00001

**Material Information**

- **Title:** The tribulations of Tommy Tiptop
- **Physical Description:** 8, 26, 4 p., 16 leaves of plates : col. Ill. ; 28 cm.
- **Language:** English
- **Creator:** Myra & Son (Publisher)
- **Publisher:** Myra & Son
- **Place of Publication:** London
- **Publication Date:** c1893

**Subjects / Keywords:**
- Animal welfare -- Juvenile fiction (lcsh)
- Children -- Conduct of life -- Juvenile fiction (lcsh)
- Conduct of life -- Juvenile fiction (lcsh)
- Dreams -- Juvenile fiction (lcsh)
- Animals -- Juvenile fiction (lcsh)
- Repentance -- Juvenile fiction (lcsh)
- Insects -- Juvenile fiction (lcsh)
- Birds -- Juvenile fiction (lcsh)
- Publishers' advertisements -- 1893 (rgenr)
- Bion -- 1893

**Genre:**
- Publishers' advertisements (rgenr)
- Novel (marcgt)

**Spatial Coverage:**
- England -- London

**Notes**

- **General Note:** Title page printed in colors, text printed in red and blue borders.
- **General Note:** Publisher's advertisements follow text.
- **General Note:** Tommy is a little thug who drowns kittens, pesters puppies and deplorably the lesser creation; he gets his compechance in a series of dreams in which the roles of tormentor and tormented are reversed as in The World Upside Down.
- **General Note:** The preface is signed M.B.

**Record Information**

- **Source Institution:** University of Florida
- **Rights Management:** All rights reserved by the source institution and holding location.
- **Resource Identifier:** aleph - 002225045
- **System ID:** UF000825848/00001
The tribulations of Tommy Tiptop

Full Citation

The data about this digital resource is available in a variety of metadata formats. For more information about these formats, see the Metadata Section of the Technical Aspects Information.

View Complete METS

This metadata file is the source metadata file submitted along with all the digital resource files. This contains all of the citation and processing information used to build this resource. This file follows the established Metadata Encoding and Transmission Standard. This METS file was just read when this item was loaded into memory and used to display all the information in the standard view and marc view within the citation.

View MARC XML File

The entered metadata is also converted to MARC XML format, for interoperability with other library catalog systems. This represents the same data available in the MARC VIEW except this is a static XML file. This file follows the MarcXML Schema.

View TEI/Text File

The full-text of this item is also available as a TEI downloadable file.
<!-- tribulations of Tommy Tiptop ( Book ) -->

<?xml version="1.0" encoding="UTF-8"?>

<METS:mets xmlns:METS="http://www.loc.gov/METS/">
  <METS:meta data>
    <METS:mdWrap MDTYPE="MODS" MIME_ENCODING="text/xml" LABEL="MODS Metadata">
      <METS:meta data>
        <METS:mdWrap MDTYPE="MODS" MIME_ENCODING="text/xml" LABEL="MODS Metadata"></METS:mdWrap>
      </METS:meta data>
    </METS:mdWrap>
  </METS:meta data>
</METS:mets>
CITATION

Metadata View

MARC XML

```xml
<collection xmlns="http://www.loc.gov/MARC21/slim">
  <record>
    <leader>01867nam 22004573a 4500</leader>
    <controlfield tag="001">UF00082548_00001</controlfield>
    <controlfield tag="005">20101201140402.0</controlfield>
    <controlfield tag="006">m</controlfield>
    <controlfield tag="007">cr ma mp</controlfield>
    <controlfield tag="008">080603s1893 enkaf js 000 f eng d</controlfield>
    <datafield tag="035" ind1="9" ind2="">
      <subfield code="a">002225048</subfield>
      <subfield code="b">UF</subfield>
    </datafield>
    <datafield tag="035" ind1="9" ind2="">
      <subfield code="a">ALG5320</subfield>
      <subfield code="b">UF</subfield>
    </datafield>
    <datafield tag="040" ind1="" ind2="">
      <subfield code="a">FUG</subfield>
      <subfield code="c">FUG</subfield>
    </datafield>
    <datafield tag="245" ind1="0" ind2="4">
      <subfield code="a">The tribulations of Tommy Tiptop</subfield>
      <subfield code="h">[electronic resource].</subfield>
    </datafield>
    <datafield tag="260" ind1="" ind2="">
      <subfield code="a">London :</subfield>
      <subfield code="b">Myra & Son,</subfield>
    </datafield>
  </record>
</collection>
```
STATISTICS
STATISTICS

Usage Statistics

at the item level
### Usage Statistics

at the item level
Since the inception of UFDC in early 2006 web usage logs have been maintained for review and analysis. Below are the overall statistics. Additionally, the tabs above show statistics for:

- Collections by date provides the usage reports at the collection group, collection, and subcollection level for a provided date range. This records hits on the collection main pages, searches, and browse. Total number of title and item hits are also displayed by collection.
- Item Views by date provides the usage reports on the specialized item-level views for all items in UFDC. The item statistics are aggregated at the collection level for easy analysis.
- Collection History displays information about a single collection or subcollection over time.

These statistics are generally updated monthly.

**TOTAL HIT COUNTS (graphically)**

The graph below shows the overall number of hits against UFDC. These include every query against the site excluding robots. Attempts have been made to remove all robots and search engine crawling from these statistics, which generally account for ten times the number of hits as the true human hits represented below. (more on robots)

![Monthly UFDC Hits](chart.png)

**TOTAL HIT COUNTS (data)**

Export as CSV

Below are the most up to date numbers for overall utilization of UFDC. The first table shows the summary of views against all collections. The second table includes the details for specialized item-level views.

<table>
<thead>
<tr>
<th>DATE</th>
<th>TOTAL VIEWS</th>
<th>VISITS</th>
<th>MAIN PAGES</th>
<th>BROWSES</th>
<th>SEARCH RESULTS</th>
<th>TITLE VIEWS</th>
<th>ITEM VIEWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 2006</td>
<td>3377</td>
<td>132</td>
<td>1129</td>
<td>264</td>
<td>170</td>
<td>0</td>
<td>1763</td>
</tr>
<tr>
<td>April 2006</td>
<td>6424</td>
<td>3133</td>
<td>7602</td>
<td>3972</td>
<td>2712</td>
<td>0</td>
<td>46538</td>
</tr>
<tr>
<td>May 2006</td>
<td>8354</td>
<td>2368</td>
<td>7784</td>
<td>3068</td>
<td>2092</td>
<td>0</td>
<td>67540</td>
</tr>
</tbody>
</table>
STATISTICS
Usage
Statistics
across the
digital library

Recent Searches

<table>
<thead>
<tr>
<th>COLLECTION</th>
<th>TYPE</th>
<th>TERMS</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Barahona&quot;</td>
<td>3-12-2013 5:38AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Basic</td>
<td>&quot;Archives Nationales&quot;</td>
<td>3-12-2013 5:38AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Theodora.&quot;</td>
<td>3-12-2013 5:39AM</td>
</tr>
<tr>
<td>Digital Military Newspaper Library</td>
<td>Advanced</td>
<td>&quot;Guantánamo Bay Cuba&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Historic Newspaper Catalog</td>
<td>Advanced</td>
<td>&quot;Société canadienne du microfilm&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;French&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;federal government publication&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Bibliotheque Nationale Haiti</td>
<td>Basic</td>
<td>&quot;l’Amour&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>All Collection Groups</td>
<td>Advanced</td>
<td>&quot;Loi 184 PDF&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Guatemala&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Bibliotheque Nationale Haiti</td>
<td>Basic</td>
<td>&quot;haiti&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Buenos Aires&quot;</td>
<td>3-12-2013 5:40AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;History -- Haiti -- Revolution 1791-1804&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Basic</td>
<td>&quot;Association des Amis des Archives et de ...&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Texas&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Travaux Publics&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Tourisme&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;non-fiction&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
<tr>
<td>Digital Library of the Caribbean</td>
<td>Advanced</td>
<td>&quot;Panama&quot;</td>
<td>3-12-2013 5:41AM</td>
</tr>
</tbody>
</table>
Usage statistics for your materials (February 2013)

Erich Kesse,

Thank you for sharing materials that will be accessible online and for supporting worldwide open access to scholarly, creative, and other works. This is a usage report for the shared materials.

Your items have been viewed 77,193 times since they were added and were viewed 1,359 times this month.

Below are the details for your top 10 items. See the link below to view usage statistics for all 1713 of your items.

**From the air: the photographic record of Florida's lands**

- Permanent Link: [http://ufdc.ufl.edu/UF90000014/00001](http://ufdc.ufl.edu/UF90000014/00001)
- Views
  - February 2013: 106 views
  - Total to date (since 6/20/2008): 2798 views

**Ephemeral Cities (ACURIL presentation, 2005)**

- Permanent Link: [http://ufdc.ufl.edu/UF00082618/00001](http://ufdc.ufl.edu/UF00082618/00001)
- Views
  - February 2013: 63 views
  - Total to date (since 11/21/2008): 577 views
STATISTICS
Usage
Statistics
across the
digital library

Institutional
Repository
Reports
Production Statistics across the digital library

Item Counts
STATISTICS
Production Statistics
across the digital library
Year-to-Date Growth
STATISTICS
Production Statistics
at the item level
STATISTICS
Production
Statistics
at the item level
STATISTICS
Production
Statistics
at the item level
STATISTICS

A Robust SobekCM

SobekCM has demonstrated scalability:

- More than 150 Collections/Sub-collections interfaces
- Hundreds of thousands of unique items
- Millions of digital objects (pages, audio, video, etc.)
- Millions of hits monthly

SobekCM is limited only by the capacity of the servers on which it runs.
LDAP
and the
Institutional Repository
LDAP and the Institutional Repository Log-In
LDAP and the Institutional Repository Account Information
LDAP and the Institutional Repository Submission Process and organization
Institutional Repository

- Single institutional sign-on with auto-faculty detection from Shibboleth
- Simple entry form
- All file formats accepted
- Usage and item reports for institutions and authors automatically emailed on a monthly basis
- Input forms and default data customizable by user, user groups, and project
Step 1 of 3: Grant of Permission

You must read and accept the below permissions to continue.

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You must read and accept the above permissions agreement to continue.
Enter Material Information

Main Title: SobekCM: The Interim Common Digital Platform for the SUS and FCS Libraries

Material Type: Other
Specify Type: brochure

Larger Body of Work:

Creator: Sullivan, Mark

Publication Status: Published

Publisher:

Publisher's URL:

Place of Publication:

Publication Date: 2013

Enter Note Information

Abstract:

Note:
Institutional Repository

Step 3 of 3: Upload Files (Optional)

Upload the related files for your new item. You can also provide labels for each file, once they are uploaded.

Add a new item for this package:

Browse...  Upload

The following page images are already uploaded for this package:

<table>
<thead>
<tr>
<th>FILENAME</th>
<th>SIZE</th>
<th>DATE UPLOADED</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>30325332.jpg</td>
<td>53 KB</td>
<td>3/2/2013 11:03:10 AM</td>
<td>(delete)</td>
</tr>
</tbody>
</table>

Label: 

Once all files are uploaded, press SUBMIT to finish this item.
CONGRATULATIONS!

Your item has been successfully added to the digital library and will appear immediately.

Search indexes may take a couple minutes to build, at which time this item will be discoverable through the search interface.

What would you like to do next?

Return to myUFDC Home

View this item

Edit this item

Add another item

View all my submitted items
LDAP and the Institutional Repository

My Library

![My Library Interface](image-url)
LDAP and the Institutional Repository

My Bookshelf
LDAP and the Institutional Repository Statistics
Uses

Share
Uses

Send
Uses

Print
RSS Feeds for the University of Florida Digital Collections

This page provides links to RSS feeds for items within UFDC. The first group of RSS feeds below contains the last 20 items added to the collection. The second group of items contains links to every item in a collection. These RSS feeds can grow quite lengthy and the load time is often non-trivial.

In addition, the following three RSS feeds are provided:

- All items in UFDC
- Most recently added items in UFDC (last 100)
- Recent UFDC news and documentation changes

RSS feeds are a way to keep up-to-date on new materials that are added to the Digital Collections. RSS feeds are written in XML and require a news reader to access.

You can download and install a news reader. Or, you can use a Web-based reader such as Google Reader or My Yahoo! Follow the instructions in your reader to subscribe to the feed of your choice. You will usually need to copy and paste the feed URL into the reader.

**MOST RECENT ITEMS (BY COLLECTION)**

- A. Quinn Jones Collection
- About the Samuel Proctor Oral History Program
- Aerial Photography: Florida
- African American Collections
- African American Studies
- African Maps
- African Studies Collections
- Afterlife of Alice and Her Adventures in Wonderland
- Alachua County General Oral History Collection
- Alachua Portrait (Alachua County) Oral History Collection
- Alfred Browning Parker
- Alvin Victor Burt, Jr.
- American Jewish Historical Society Oral History Collection
- America’s Swamp: the Historical Everglades
- Antarctic Maps
- Architecture & Landscape Design
MAPS
Unparalleled geographic searching, browsing, display

- Geospatial searching with Google-map based searching or map browsing
- Aerial photographs with coordinates assigned to individual tiles within flight lines
- Reverse lookup from address or feature
Unparalleled geographic searching, browsing, display
Unparalleled geographic searching, browsing, display

- Reverse geo-coding → Point search
Unparalleled geographic searching, browsing, display

- Area search
Unparalleled geographic searching, browsing, display
Unparalleled geographic searching, browsing, display
Unparalleled geographic searching, browsing, display
Newspapers

- Unique parent-child relationship native to system
  - Titles
    - BibID (Bibliographic Identifier)
    - Bib Record
  - Items
    - Individual item within the title
- Tiered serial hierarchy between Titles and Items
- Display and browsing optimized for response time using AJAX
Newspapers

Tampa tribune (Tampa, Fla.)

Author: Tampa tribune
Publisher: Tampa tribune
The Tribune Co. (Tampa, Fla.)
Format: v. ill.; 60 cm.

Tampa tribune (Tampa, Fla.) (125 issues)
- 1897
- 1898
  - January
  - February
    - February 20, 1898
    - February 22, 1898
    - February 23, 1898
    - February 24, 1898
    - February 25, 1898
    - February 27, 1898
- March
- April
- May
- June
- July
- September
- October
- 1899
Newspapers

- Access to related issues from each newspaper issues
- Scalable – over 17,000 issues of *Le Nouvelliste*
Newspapers

- Map browse of newspapers in collection
Newspapers

- Map browse of newspapers in collection
NEWSPAPERS

Alligator times

October 1982  “The Newspaper of the Seminole Tribe of Florida”  Twenty-Five Cents

Seminole Tribe Celebrates Twenty-Five Years of Organization
4. Interview with Sèvête Bien-Aimé and Ongan Alisma
Friday, November 2, 2012
Gonayiv, Haiti
Filmed by Benjamin Hebblethwaite
Funded by the NEH Collaborative Grants
© Copyright Hebblethwaite 2012, all rights reserved
Video
The document appears to be a screenshot of a digital library or archive interface. The image shows a search result for audio recordings, with a focus on an entry titled "Interview with Eva Wright." The entry includes links for citation and downloads, with the mention that the item is only available as a WAV file. The page layout includes pagination, filtering options, and metadata such as collection, language, and date. The visual layout is typical of an academic or institutional digital collection website, designed to facilitate the discovery and access of audio recordings.
Artifacts

To see this image in action, CLICK URL

http://ufdc.ufl.edu/UF00083065/00001/
Artefacts

COMPOSITE IMAGES
Artefacts & Specimens
PERSISTENCE
The Philosophical Question
PERSISTENCE

- SobekCM is a managed service
- It does not use handles/DOIs or PURLs
- It relies upon the persistence of the base-URL
- Manages the document object reference following the URL

- Handle/DOI and PURL services (e.g., DataCite) manage metadata much as SobekCM does internally
- Handles, DOIs and PURLs are only as persistent as the base-URL they reference
WORKFLOW
Ingest

Harvested Content

SobekCM is capable of ingesting harvested metadata and pointing to external resources.
SMaRT Workflow Management Tool

The following slides (Tracking Database & Quality Control) are a bit dated, reflecting a previous version.

(Mia culpa. I haven’t had a chance to install the new version yet.)
**Tracking Database**

![Digital Library Tracking System](image)

### Digital Library Tracking Database Main Form

<table>
<thead>
<tr>
<th>BibID</th>
<th>LTQF</th>
<th>LTUF</th>
<th>Aleph</th>
<th>Title</th>
<th>Author</th>
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<td>AAA5147</td>
<td>NONE</td>
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<td>Gainesville, Florida : showing the University of Florida main campus</td>
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<td>UF00004690</td>
<td>AAA5973</td>
<td>APC4753</td>
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<tr>
<td>UF00015236</td>
<td>AAA7853</td>
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</tbody>
</table>

**Limit results by:**

- Institution
- Project: MAP
- Show All

**Search by:**

- **Title:** Gainesville
- **Bib ID:**

**Total hits count = 34**
Tracking Database

![Digital Library Tracking System](image)

**Title:** Little Dame Crump.

**Author:**

**Institution:** UF

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<th>Source</th>
<th>Monograph</th>
<th>Electronic Resource</th>
<th>Archive</th>
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</tbody>
</table>
Quality Control Tool
MANAGEMENT
TOOLS
Management Tools

Tools manage collections, page design, resource aggregation, alias aggregation, etc.

Wordmark displays

Govern URLs used by the digital library
Govern IP restrictions

Govern users
Management Tools

Sandbox Manager

What would you like to do today?

- View Sandbox Items
- Import Records
- Sandbox Reporting Module
- Retrieve Sandbox Packages

EXIT
Current / Upcoming Work

• Grant development continues for:
  – Enhanced EAD support
  – Enhanced GIS support with custom user maps and online geo-placement / rectification
  – Enhanced temporal support for searches
  – Integration with Sunshine State and Common Core educational standards