SobekCM

- Code, technical concepts, and architecture are fully published, commented, and documented
- Code and architecture optimized for ideal performance:
  1. Unparalleled geographic (Google Map-based) searching, browsing, display
  2. Unparalleled support for materials: archival, serial, audio, video, data sets, IRs, books, artifacts, and more
  3. Unique serial display and browsing which supports the newspaper collections
  4. Integrated tracking & reporting system provides clear work history and milestone tracking for entire digitization process
  5. Exemplary metadata support, including: Dublin Core, MODS, MARC, VRA-Core extensions, DarwinCore, GML, and METS
  6. Exemplary documentation (and in-code comments). Metadata support, architecture, & code are clearly documented and available
  7. Unparalleled branding support: no system supports the same level of branding as is already implemented with dLOC and other partner collections
  8. Excellent support for multiple user-interface languages, including French, Spanish (and soon Haitian Kreyòl)
  9. Excellent support for full-text search results and snippets
  10. Exemplary core architecture to support future enhancements and integration
  11. Proven scalability with fast response times for over 4 million true users hits a month and 20 million search engine index hits a month
  12. Unparalleled MARC → MODS → MARC mapping

Currently:

Available now to host current content from the SUS and FCS libraries.

Grant development continues for enhanced EAD support, GIS support, and integration with Sunshine State and Common Core educational standards.

Powers over 500 existing single-institution and collaborative digital libraries/collections including:
- Florida Digital Newspaper Library
  http://ufdc.ufl.edu/newspapers
- Digital Library of the Caribbean
  www.dloc.com
- Orange Grove Texts Plus OGT+
  http://orangegrovetexts.com
- Institutional Repository @ UF
  http://ufdc.ufl.edu/ufirg
- Spanish Colonial St. Augustine: A Resource for Teachers
  http://ufdc.ufl.edu/teachers
- Aerial Photography: Florida
  http://ufdc.ufl.edu/aerials/map
- Harn Museum of Art, Arts of Africa
  http://ufdc.ufl.edu/artaf
- Wolfsonian Museum
  http://digital.wolfsonian.org
- Coral Gables Virtual Tour/History
  DPanther http://goo.gl/ou803
- University of Southern California – Shoah Foundation
- University of the Netherland Antilles

Get started today, by contacting us at: sobekcm_flvc@uflib.ufl.edu
SobekCM Platform

SobekCM is the software platform chosen as the Interim Common Digital Platform for the public academic libraries in Florida. It was developed to meet the needs of the State University Libraries for supporting multiple diverse partner institutions, multiple language interfaces, full digital production support, rich user features online, and all material types, from books to research data sets to museum objects. This platform supports a range of digital content commonly developed by galleries, libraries, archives, and museums. This platform allows users to discover online resources via semantic and full-text searches, as well as a variety of different browse mechanisms. For each digital resource in the repository there are a variety of display options. In addition to robust support for users which include full text searching, image and map browses, and more, SobekCM provides fully-featured support for partners with integrated digital curation tools for processing materials, online metadata editing, and online submissions.

SobekCM is released as Open Source software under the GNU General Public License and can be downloaded from the SobekCM Software Download Site (http://ufdc.ufl.edu/software).

Display and Use

- Versatile, scalable platform
- Branding for all materials at multiple levels with wordmarks and custom interfaces
- All file formats supported
- Usage and item reports for institutions and authors automatically emailed on a monthly basis
- Fully customizable searches and result display by institution and collection
- Searching and browsing:
  - Full text searchable
  - Browseable - views by title, thumbnail, and new items
  - Powered by rich metadata support
  - GIS capability with geospatial searching with Google-map based searching or map browsing
- Custom views for items
  - Full-screen page turner view
  - Aerial photographs with GIS capabilities
  - Image zoom and pan viewing capabilities
- Customized collection pages and supplemental pages
- Institutional branding and single sign-on available
- Internationalized/localized interfaces in English, Spanish, and French, with Haitian Kreyòl in process
- Automatic feed into state OPAC
- Clean simple URLs
- Worldwide reach via Google, Bing, Yahoo, and other search engines
- Records for all collections and items accessible online:
  - METS/MODS, MARCXML, and Dublin Core
  - Full record feed in MARCXML for catalogs
  - Library catalogs show records with thumbnails
- Use of microservices
  - Online files maintained in the PairTree microservices format recommended by the California Digital Library for digital curation
  - Integrated OAI-PMH (Open Archives Initiative) for discovery layers

Digital Publishing and Scholarship

Repositories hosted by SobekCM are included in the:
- Digging Into Data challenge
- Anvil Academic’s Built Upon Series
- Nineteenth-century Scholarship Online

Workflow

- Tools for digitization & born-digital curation
- SobekCM METS Editor in use by State University Libraries for production and submission to the Florida Digital Archive

Rich User Tools

- Tools for end users to add items to bookshelves, save and email items
- Tools for faculty and other approved users to self-submit materials online to Institutional Repositories and shared collections