Mobile Services: SobekPH

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Overview

- UF Digital Collections
- SobekCM digital library system
- SobekPH App
- Integration
“What do you do with a million books? Or a million pages of newspaper? Or a million photographs of artwork?”
NEH, Digging into Data

“Scale changes everything.”
Evan Owens, Portico
UF Digital Collections & SobekCM

Collections from UF, partners in Florida and the Caribbean, and others

Over 260,000 items

Over 6 million pages
Why we made an App

Audience

- Quantity: over 50% of campus users have internet-capable mobile devices (over 60% of faculty)
- Quality of use / level of need for access via mobile devices continues to grow
Why we made an App

Building for the future

- Supporting newer technologies (iPad, touchtables)
- Supporting new types of research (digital humanities, digital scholarship)
- Supporting and showing proof of interoperability to encourage new collaborations
- Supporting partners from other types of institutions – not only libraries, archives, and museums
Development on UFDC began in 2005
Initial plan was to use Greenstone “out of the box”
Due to limitations at the time, we built a presentation layer over Greenstone
SobekCM born and grows...

- Presentation layer grows, with a distinct logic layer and multiple data sources as the dependence on Greenstone shrinks
- Greenstone just used to build the Lucene full-text indexes
Multiple presentations possible within Presentation layer

- Standard HTML
- OAI-PMH
- XML
- JSON

Logic Layer

Data Layer

- Caches
- Database
- Metadata Files
- Lucene Indexes
The Baldwin Library of Historical Children’s Literature in the Department of Special Collections at the University of Florida’s George A. Smathers Libraries contains more than 100,000 volumes published in Great Britain and the United States from the early 1700s through the current year. Its holdings of more than 800 early American imprints is the second largest such collection in the United States.

The product of Ruth Baldwin’s 40-year collection development efforts, this vast assemblage of literature printed primarily for children offers an equally vast territory of topics for the researcher to explore: education and upbringing, family and gender roles, civic values, racial, religious, and moral attitudes, literary style and format, and the arts of illustration and book design.

A great strength of the collection is the many English and American editions of the same work. Other strengths of the collection include 300 editions of Robinson Crusoe, 100 editions of Pilgrim’s Progress, fables, juvenile biography, 19th century science and natural history, 19th century alphabet books, moral tales, fairy tales, 19th century juvenile periodicals, 19th century boys’ adventure stories, 20th century boys’ and girls’ series, Little Golden Books, and juvenile publications of the American Sunday School Union and other tract societies. Scholars, students, and researchers from the University of Florida and worldwide continue to request assistance from this collection.
Life of a search ( html )

Your search of Baldwin Library of Historical Children's Literature for 'crusoe' anywhere resulted in 267 items in 258 titles.

1 - 30 of 258 matching titles

The Life and strange surprising adventures of Robinson Crusoe, of York, mariner

The Life and adventures of Robinson Crusoe
Life of a search (html)

1. Search request received
2. Request analyzed
3. Look in the caches for cached results
4. If not present, perform search against database
5. Create the html_writer to create output

6. Output results as HTML
Life of a search (json)

1. Search request received
2. Request analyzed
3. Look in the caches for cached results
4. If not present, perform search against database
5. Create the json_writer to create output
6. Output results as JSON for mobile app (SobekPH)
SobekPH Apps

- University Archives Photographs
- Digital Library of the Caribbean
- Baldwin Children's Literature
- UF Health Science Archive
- College of Medicine
- College of Nursing
- College of Pharmacy
SobekPH Apps

Browsing Baldwin

The Life and adventures of Robinson Crusoe

Browsing UAPC

The Rathskeller at the University of Florida
Integration

- Usage and impact assessment
- Evaluation of assessment data
Thank You

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SobekCM & SobekPH:
http://digital.uflib.ufl.edu/sobekcm/