Islandora: An Open Source Institutional Repository Solution

Library Technology Conference
March 2014
Outline

• Introduction to Islandora (Linda)
• Islandora functionality (Alex)
• MCAD digital repository (Aimee)
• SMSU digital repository (Pam)
• Questions/discussion
• PALS – a program of the Minnesota State Colleges and Universities since 1978
• Experienced knowledgeable staff: servers, programming, training, support
• Open Source software fits our mission
• Islandora
Digital Asset Management System

- reliable
- various formats
- control
- relationships
- access
- metadata
- secure storage
- indexing
- scalable
- automated processes
- user friendly
- management
- protected
- searching
hosted by
• Born at the University of Prince Edward Island
• Islandora makes it possible to create, edit, discover, view, and manage repository assets

• Balance between extensibility and usability
  ✓ Out of the box support for collections
  ✓ Architecture that lends itself to customization
Islandora
Open Source Community

• UPEI
• Discovery Garden
• Islandora Foundation
• Camps and conferences
Islandora Implementations
Core Components

- Best practice open source software
- Powerful
- Popular, widely used
- Very stable
PALS Islandora services

- Host server and application
- Assist with planning repository and metadata
- Create customized ingest forms
- Training and Support

We’ll help you go from this . . .

to this!
New features:

- Add Modules or Themes from Drupal.org based on your needs
Metadata

- Flexible object description
- Can use any metadata schema
- Technical metadata auto-generated
  - Islandora FITS, Islandora PREMIS modules

MODS
Dublin Core Metadata
VRA Core
Solution Packs
Automated Processes

Book Solution Pack

Start with book object

OCR
PDFs
Thumbnail
Metadata: MODS and Dublin Core
JPEG 2000
JPEG

Southwest

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Focus
Fall 2003 • Vol. 33 No
Island Scholar
http://www.islandscholar.ca/

• Showcases faculty, staff, and student work
• Responsive theme for mobile devices
• Create and format citation lists
• Create researcher (scholar) records
• Data harvestable using OAI-PMH
• Drupal Google Analytics
• Batch ingest
Islandora @ MCAD
• 1886: Minneapolis Society of Fine Arts establishes the Minneapolis School of Fine Arts

• 1988: Main collection acquired after MIA/MCAD separation
  – Limited staff time, funding and space

• 2012: MCAD’s 125 anniversary

• 2013: Minnesota Historical & Cultural Heritage Grant and first professional archivist
Why Islandora and PALS?

- Grant includes planning for a digital repository and digitizing analog audio and video
- Impressed with Islandora
- Open source software
- PALS provided an opportunity for library staff to test Islandora with training and support
Test a variety of formats:

- Early college publications
- Photographs
- Video and audio
- Masters theses
- Artists’ books
Beta Project

• Worked with PALS to create templates
• Added samples of some but not all of the formats we have
• Used metadata previously created according to Minnesota Reflections / MN Digital Library guidelines for photos and course catalogs
Project Experience

• Excellent training and support from PALS
• Library staff tested Islandora repository
• Identified scanning, metadata and template issues which will inform decisions related to long term planning for a hosted or in-house digital repository.
SMSU McFarland Library
Our Islandora Experience
Where you belong!
• Relatively young college (est. 1967)
• University Archives room officially created in Library during 2005 renovation
• Emphasis has been retaining items in print
• Room is mostly organized – Excel file to track
• No designated librarian or staff
• No funding
Project Goals

• Jumped in
• Raise awareness
  – University Archives (part of Strategic Plan)
  – Library ability to lead digitization projects
• Begin University dialogue
  – Establishing digital archives on campus
  – Working from a local example
Beta Project

• Digitized Alumni Magazine (FOCUS)
  — Inaugural issue 1980
  — Format
    • Newspaper
    • Magazine
    • Requested “book look”
  — FOCUS covers all areas of the University
• Ties to Alumni Office/Foundation for buy-in
  — Funding & next project
Project Experience

• Timing
  – Mostly completed during Summer 2013
  – No additional staffing

• Processing
  – Metadata
    • PALS Office guidance was vital & appreciated
  – Scanning (Use Crystal G600 Wide Format Scanner)
    • Trial and error
  – Editing (Use Adobe Pro)
    • Minimal training
Check it out at islandora.mnpals.net

Questions and Discussion