Islandora: An Open Source Digital Repository Solution

Consortium of MnPALS Libraries User Groups
October 23, 2014
Outline

• Introduction to Islandora
• Islandora functionality and demos
• What we have learned
• Questions/discussion
Islandora preserves, manages, and showcases your institution’s collective memory, unique history, and intellectual pursuits.
Islandora provides access to

- Student and faculty publications
- Newspapers, photographs, videos
- Minutes, agendas, reports
- Interviews, speeches
- Web archives

...all from one search point!
At PALS

• Open Source software fits our mission
  • High quality software
  • Cost effective
  • Effective problem resolution
2013 Beta Test

- **SMSU**: Alumni magazine
- **MCAD**: College catalog, photos, videos
Repositories hosted by PALS

- Minnesota State University, Mankato
- Southwest Minnesota State University
- The College of St. Scholastica
The Islandora Software

- Born at the University of Prince Edward Island

- 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
• Google Group
• Interest Groups
• Camps and conferences
Core Components

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

Apache Solr

fedora

Drupal
Solution Packs

Islandora supports many formats with core “Solution Packs”
Customizable User Interface and Tools

- Can add any Drupal modules or themes based on your needs
Automatic Processes
Generate Derivatives

MODS Record
Dublin Core
TECHMD
Thumbnail

JPEG2000
JPG
Metadata

• Can use any metadata standard
• Custom data entry (ingest) forms
  • Take advantage of controlled vocabulary, default text, custom instructions
• Technical metadata auto-generated
Technical Metadata

- Generated automatically with Islandora FITS and PREMIS Modules
- Extracted from metadata embedded in original file
- Checksum Module, Checksum Checker
Demo

- Consortium – PDFs [http://islandora.mnpals.net](http://islandora.mnpals.net)
- SMSU – [http://islandora.mnpals.net/smsu](http://islandora.mnpals.net/smsu)
- TEST – [http://islandora.mnpals.net/test](http://islandora.mnpals.net/test)
- TEST – Add a photograph
- TEST – Editing and show datastreams/techMD
- TEST – Searching – show facets
- TEST – show compound object SP
- MSU ARCH [http://arch.lib.mnsu.edu](http://arch.lib.mnsu.edu)
What we have learned

• Know your data
• Planning pays off
• Metadata is important and standardization makes things easier
• Variety of test data smooths the way
• Can use smaller initial project to promote materials and increase interest/buy-in
Where to Start

- Define repository
  - what data will be included (prioritize)?
  - who will use it?
  - how will they use it?
  - how will they access it?
  - what is the vision; what are the goals?
- Decide what tools to use
Check it out at

http://islandora.mnpals.net
http://arch.lib.mnsu.edu
http://islandora.mnpals.net/smsu