IslandScholar Timeline

• 2006 - VRE Service Established
• 2007 - Islandora development begins
• 2008 - UPEI Strategic Research Plan
• 2008 - IslandScholar v1 launched
• 2010 - Islandora Project receives research funding
• 2011 - Islandora / Drupal 6 community release
• 2012 - IslandScholar v2 launched and UPEI Senate passes Open Access Policy
• 2013> - Islandora Scholar Module (D7) released and cloud-based IR Service planned by DGI.
### IslandScholar v2 - Features

- Faculty, staff, and student pubs
- MODS/MADS metadata
- Batch ingest
- SHERPA/RoMEO
- Solr driven
- CSL citation styles
- 'Bookmarking'
- eThesis workflow
- Microservices
- supplements
- embargos with XACML policies
- OAI harvestable
- Metrics
- Mobile friendly
- LDAP Auth.

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### Metadata

- Metadata is stored as XML
- Metadata Authority Description Schema (MADS) is used to describe people and departments
  - Important for us to have authority records to facilitate relationships, browse lists, and displays
- Metadata Object Description Schema (MODS) is used to describe citations
  - use of genre based XML Formbuilder Forms
Citation Ingest Workflow

Authenticate (LDAP / Drupal)

IslandScholar Metadata Entry Forms

IslandScholar Batch

Single Record Entry

Original file and normalized PDF/a loaded into Islandora

Sherpa/Romeo

Can Deposit

Staff Check Records

IslandScholar Document Upload

SHERPA/RoMEO integration

Configurable

RoMEO settings

Display RoMEO information

RoMEO API URL:

RoMEO API Key:

RoMEO Content Cache Time:

Time, in days, to store cached RoMEO data

Description

Object Details

Journal:

PloS ONE

Published By:

Public Library of Science

Publisher URL:

http://www.plos.org/

Prearchiving:

can

Postprints:

can

Conditions

Creative Commons Attribution License

Eligible UK authors may deposit in OpenDepot

Publisher’s version/POF may be used

All titles are open access journals

Rights:

Romeo Colour: green
Indexing

• Using FedoraGSearch to index both citation metadata and full text PDF.
• We have extended FedoraGSearch for full text indexing to deal with certain characters in the text.
  o Once we update our version of Fedora, we hope to integrate Tika for full text indexing.
• Facets and Advanced Search rely on fields created by GSearch.

Search

• Solr driven basic and advanced search
Facets

- Facets allow users to focus their search
- Facets are derived from MODS elements
  - eg. `<genre>`, `<dateIssued>`
  - `<identifier type="u2">`
- When selected users are provided feedback

Citation Styles

Citation Style Language

MODS > JSON in the IslandScholar module and parsed by citeproc.js

APA is what we use... but could easily switch.
Citation Styles

CSL Setting in Admin

Cache settings
Researcher citations cache time in days:
2

CSL settings
Chicago (Author-Date)
APA 5th Edition
APA 6th Edition
Chicago (Note-Bibliography)
CSE 7th Edition
MLA 2009 Style
MLA 7th Edition

Bibliography

Step 1: Select your citations

- Dairy farm zoonoses

- Neospora caninum in Maritime Canada

Step 2: Export the formatted citations

Format: HTML
Style: APA 5th Edition

Open Repositories 2013
D. Moses, D. Hooper, & P. Pound
Bibliography


Return to the Bibliography.

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eThesis Workflow

1. Select the form

2. Enter thesis metadata

Step 1: In this section enter your name and select your primary affiliation.

- **Author Name**: The creator of the work. This is a required field.
  - **Given Name**: 
  - **Family Name**: 

- **Affiliation**: The name of a discipline, department, etc. with which the author was associated at the time that the resource was created.

Step 2: In this section enter information about your advisors and committee members.

- **Thesis Supervisor(s)**: 
- **Given Name(e)**: 
  - Mark
eThesis Workflow

3. Upload thesis

4. Upload Signature pages.

5. Upload supplements (zip file).

Exposing Metadata

- Uses Islandora OAI module
  - Extend to include exposure of ETD-MS
  - Currently both DC and ETDMS are supported and are derived from the MODS
Metrics

- basic counts are tracked/stored
  - number of citation views
  - number of full text downloads
- Drupal Google Analytics module for web statistics
- D7 version of Scholar module includes tighter repository integration with Google Analytics
Altmetrics

- initial integration completed
- need to add a 'share' method to complete the circle

Theming

- "responsive" design
- adheres to the institution's Visual Identity Policy
- Use drupal modules for slideshow
- Search driven
Authentication - LDAP

- Use Drupal LDAP module to control login
- In IslandScholar v1. we populated user roles with LDAP group membership information.
- In current IslandScholar we are managing the roles within Drupal for now.

Security and Embargo

- Currently using one global XACML Policy to control editing of records (ownerid can edit/add)
- Current embargoed content is controlled by XACML policies that are checked and updated by a daily cron job.
- TO DO: add Object level policies to allow for faculty/departmental edits.
Senate Adopts Open Access Policy

2012

“UPEI scholars are encouraged to routinely provide a copy of their article published in a scholarly journal or conference proceedings to place in the non-commercial open-access IslandScholar Repository, and to deposit in other open access repositories where such deposit is required by a funding agency, or desired by the author.”

Open Access & Dissemination of Research Output -
https://cab.upei.ca/sites/default/files/attachments/OpenAccessandDisseminationofResearchOutput.pdf

IslandScholar v3

• Feedback from Faculty
  o need a method to indicate peer review
  o need a simple method for self submission

• Automate more
  o eg. automatically retrieve PDF if Sherpa/Romeo (or maybe Cottage Labs Open Article Gauge) indicate Publisher PDF yes.

• Enable other types of export
• Tighter integration with Research Services
Thank you! Questions?

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Site: [http://islandscholar.ca](http://islandscholar.ca)
Code: [https://github.com/roblib/islandora_scholar_upei](https://github.com/roblib/islandora_scholar_upei)