

Scholar & Beyond: Using Islandora as an IR

May 18, 2017
3:30-5:00PM

Round-Robin Intros

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- Who are you?
- Where do you work?
- Do you use Scholar?
- What would you like to learn from this workshop?

Bryan J. Brown

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- Repository developer at FSU Libraries
- Migrated to Islandora from Bepress Digital Commons
 - Took about a year to migrate ~10,000ish objects (mostly ETDs)
 - Went live on Jan. 6, 2016
 - One of the first production Islandora IRs
 - Boston College beat us by a few months
- Co-maintainer of Scholar + Usage Stats
- Co-convener of the Islandora IR Interest Group
 - Next meeting is Monday, May 22 at 1:00PM EST
 - <https://github.com/islandora-interest-groups/Islandora-IR-Interest-Group>
 - <https://groups.google.com/forum/#!forum/islandora-ir>
- @bryjbrown on Twitter & GitHub
- Email me at bjbrown@fsu.edu if you wanna talk IRs

Workshop structure

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- Part 0: Round-Robin Intros
- Part 1: Understanding Islandora Scholar
- Part 2: Building an Islandora IR
- Part 3: Pain Points
- Part 4: CLAW Scholar: The IRtonement
- Part 5: Questions

Understanding Islandora Scholar

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- An Islandora module that provides **some** IR functionality
 - Citation & thesis content models (Scholarly Works Solution Pack?)
 - Embargoes (suppress objects/datastreams by date)
 - Google Scholar integration (HTML meta tags & search)
 - Dynamic citations (automagically formatted from metadata)
 - Import objects via DOI/PMID/RIS/EndNoteXML
 - Export citation collections as RIS/RTF/PDF
 - Check Sherpa/RoMEO status via ISSN

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Understanding Islandora Scholar

- Not ALL IR functionality
 - Analytics?
 - Mediated deposit?
 - Datasets?
- Not ONLY IR functionality
 - Scholar embargoes work well for ANY Islandora object
 - Any object could use dynamic citations (with some tweaking)
- Why is this so confusing? Check the history.
 - 2008 - UPEI builds Island Scholar (custom IR)
 - DGI built Islandora Scholar to replicate these custom features
 - Scholar was never designed to be an all-in-one IR solution
 - More IR-relevant modules have come out since then
 - Just one piece of the IR puzzle

Building an IR in Islandora

- What kind of stuff are you managing?
 - Minimal: PDF solution pack (store it all as PDFs)
 - Fancy: Scholar (specialized cmodels + other features)
 - Data Sets: Binary solution pack (file type agnostic)
 - Supplements: Image/Large Image/Video/Audio etc SPs
 - Multi-part objects: Compound solution pack (connect “primary” objects to “supplementary” objects in display)

Building an IR in Islandora

- How are you managing access?
 - Minimal: Open by default, XACML to hide restricted objects
 - Chronological embargo: Islandora Scholar Embargo (submodule)
 - On campus restrictions: Islandora IP Embargo (labs repo)
- How are you managing analytics?
 - Recording metrics: Islandora Usage Stats (track object/ds access)
 - Enable it even if you don't think you'll use it for a while
 - Displaying metrics: DB queries in the theme (`_(\ツ)_/\`)
 - Displaying external metrics: Islandora Badges (formerly Altmetrics)
 - Reports: no standard solution (but we need one)

Building an IR in Islandora

- How are you getting stuff into your repository?
 - Designing forms: Islandora XML Forms
 - Minimal mediation: Islandora Simple Workflow (new objects inactive by default until “approved” by an admin)
 - Full mediation: no standard solution (but we need one)
- How are you getting your stuff into Google Scholar?
 - Letting Google know you exist: Gotta tell'em
 - Meta tags: Islandora Google Scholar
 - Sitemap: Islandora XML Sitemap (good for ALL your stuff!)

Migration Pain Points (IMHO)

- Extracting/transforming/enriching metadata
 - Loading was pretty easy
 - Setting scope (enrichment is a rabbit hole)
 - Don't do coverpages! Royal PITA and hurts GS ranking
- Mediated deposit workflows
 - Not so much a technical difficulty as a social/cognitive one
 - How do you create a form that:
 - Gets all the metadata you need
 - Described well enough that you actually get the data you want
 - Doesn't cause the submitter to kick puppies (true story)
- Usability testing
 - It sucks, but you have to do it
 - Just because you understand the IR doesn't mean anybody else does

Migration Pain Points (Round Robbin)

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- UTK
- ARCA BC
- Boston College
- Anyone else?

CLAW Scholar: The IRtonement

- 1.x Scholar is hard to maintain/describe
 - Not a clear story
 - Active topic of discussion in IR Interest Group
 - Which you should totally join if you haven't already
 - Shooting to make Scholar 2.x a much simpler experience for admins
- CLAW is more Drupally, so we can have Drupally features
 - Views
 - Forms
 - Workflows (as complex as you want!)
 - Other stuff

CLAW Scholar: The IRtonement

- Plan of action: CLAW IR Roadmap document
 - Phase 0: Get input from the community on CLAW Scholar MVP
 - Phase 1: Construct CLAW Scholar MVP document (communally edited)
 - Phase 2: Implement MVP features & migration tooling
 - Phase 3: Implement Post-MVP features
- This is a work in progress, and will take a lot of effort
 - The more input we have, the better we can make it!
 - Many hands make light work!
 - Communal griping can actually be super productive!

What does the future look like?

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ANY QUESTIONS?

