

Working with Islandora

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Presentation Agenda

Introductions

- Islandora Software
- Islandora Community
- Islandora Repository Examples

Demonstration

- Exposing Digital Content: Solution Packs
- Discovery: Internal & External Searches

Questions

Islandora Software

Introduction to Islandora

- Launched in 2006 at the University of Prince Edward Island (UPEI)
- Islandora Foundation (non-profit) created in 2013 to foster code
- Provides a standards-based, open source platform with a sustainable approach to long-term data stewardship
- Provides a sustainable software ecosystem via community diversity
- Islandora service providers available such as discoverygarden to assist with implementation if needed

Islandora Software Stack

Presentation & Collaboration

Search & Discovery

Storage & Preservation

DrupalTM

Apache
Solr

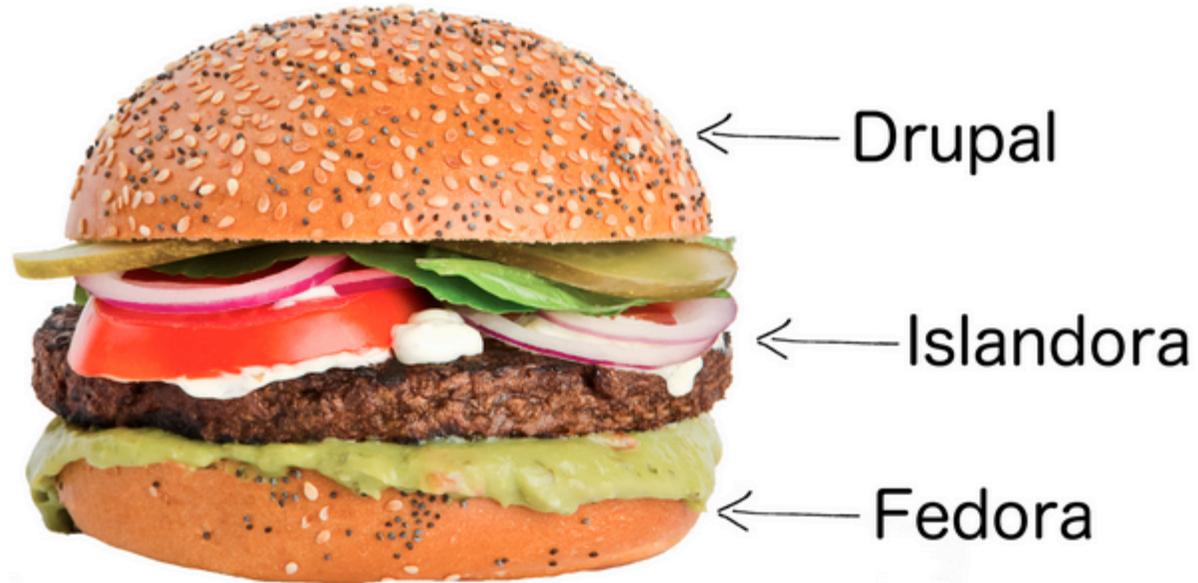
The logo for Apache Solr features the word "Apache" in a small, black, sans-serif font above the word "Solr" in a large, bold, black, sans-serif font. To the right of the text is a circular graphic composed of multiple curved segments in shades of orange and yellow, resembling a sunburst or a fan.

Fedora
CommonsTM

The logo for Fedora Commons consists of the words "Fedora" and "Commons" stacked vertically in a bold, sans-serif font. "Fedora" is in red and "Commons" is in blue. Below the text is a network diagram with five red circular nodes connected by thin grey lines.

discoverygarden
Managing Digital Content

Islandora Software Stack



Credit [Sara Allain](#)

Presentation & Collaboration
Middleware
Storage & Preservation

Customization Options

- Standard installation is now easier to use than ever
- Framework is extensible:
Customizable and able to integrate with external services
- Any desired customizations can be assessed to provide details on approach, identify risks, and make recommendations
- 80% standard functionality and 20% customization is common



Software Updates & Upgrades

- Customizations are always considered when updating and upgrading Islandora
- In most instances they will have no impact
- We recommend maintaining QA and Staging environments for all clients whom we have support contracts or do custom development for, for the purposes of testing updates and upgrades before we deploy to production
- When possible, we try to commit customizations back to Islandora core. This advances the software and enables easier updates and upgrades

Islandora Software Summary

- Available since 2006, improving bi-annually through standard releases
- Islandora utilizes Drupal, Apache Solr, and Fedora Commons to build digital repositories
- It's extensible, capable of being customized and integrated with external services

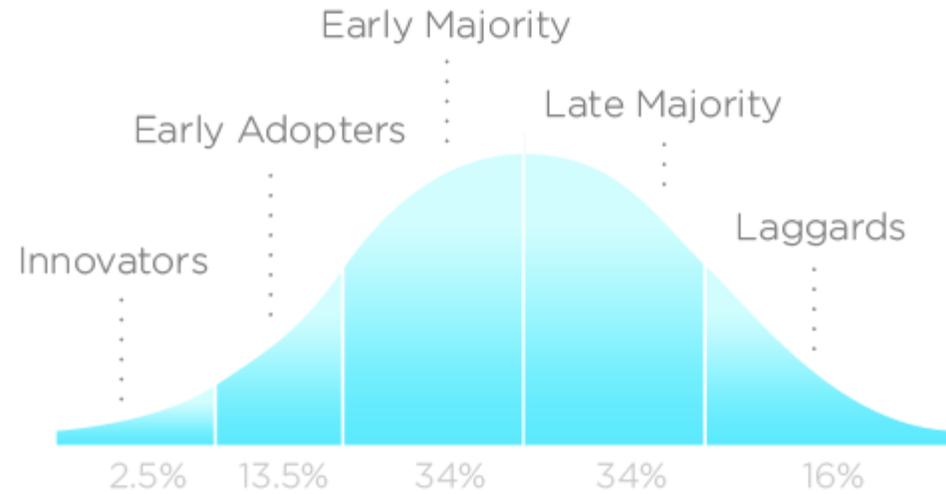
Islandora Community

Islandora Community



<http://islandora.ca/islandora-installations>

Islandora Community

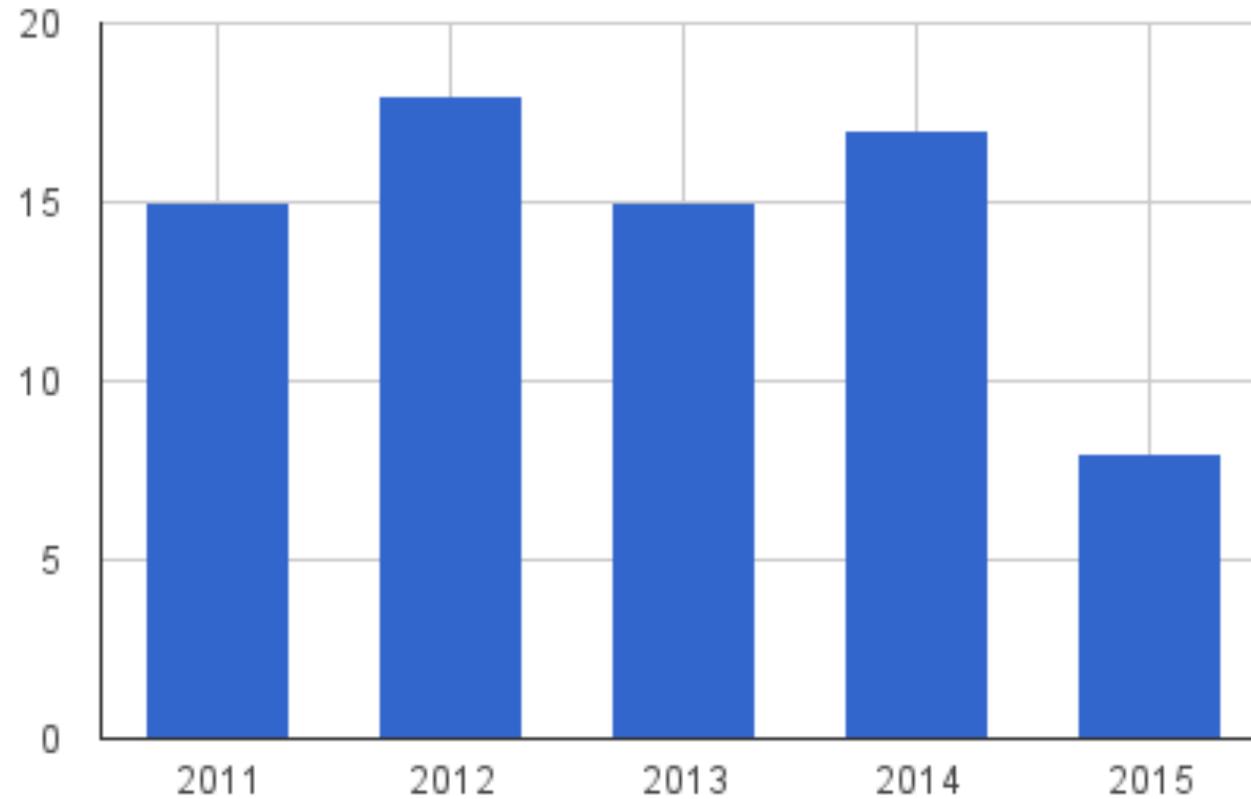


INNOVATION ADOPTION LIFECYCLE

Islandora Community

discoverygarden Islandora Implementations

■ Implementations



Islandora Roadmap

The Islandora Fedora 4 Interest Group is currently working on an integration with the latest version of Fedora Commons which we plan to release in June 2015 as Beta followed by a production ready version in October 2015.

Other plans available at <http://islandora.ca>

Islandora Roadmap

Advancements in usability and decreasing hosting costs are paramount to removing barriers to access



The screenshot displays two main sections of the Islandora interface. On the left, the 'Manage Collections' section features a gear and screwdriver icon, a title, a descriptive paragraph, and a button. On the right, the 'Upload Content' section features a folder with an arrow icon, a title, a descriptive paragraph, and a button. The interface is dark-themed with white text and icons.

Manage Collections
Collections make it easy to organize your content in to easily discoverable buckets of data
[Manage your collections](#)

Upload Content
Upload your content in at Islandora OnDemand and start your journey into the world of awesome!
[Upload your content](#)

Islandora Community Summary

- Islandora repositories worldwide, in Europe, North America, China, Australia, New Zealand and South Africa
- Growing rapidly as Islandora becomes easier to use for organizations without developers
- Interest Groups are driving improvements in the community (e.g. documentation, Fedora 4 integration, preservation and archive, etc.)
- discoverygarden driving usability improvements for cloud hosted options
- Community provides support for all organizations, with or without developers

Islandora Repository Examples

Special Collections



Home Advanced search Browse Collections About

DIGITAL CULTURE
of Metropolitan New York

SEARCH IN All Collections for Go

A Kiss for the Baby

Featured Collections

-  Brooklyn Public Library, Fulton Street Trade Cards
The Fulton Street Trade Card Collection consists of 245 late 19th and early 20th century illustrated trade cards, all emanating from
-  New-York Historical Society, Photographs of New York City and Beyond
This collection includes over 16,000 photographic prints and negatives depicting New York City in the late nineteenth and early twentieth
-  WCS Library, New York Aquarium Postcards collection
The New York Aquarium is the oldest continually operating aquarium in the United States, having opened in Castle Garden in Battery Park,
-  Whitney Museum Library, Artists' Correspondence and Ephemera
This collection consists of 580 objects from the Frances Mulhall Achilles Library at the Whitney Museum of American Art. The collection

CONTACT CONTRIBUTORS  HELP BOOKMARKS

- 29 member institutions represented on site
- Content represented as collections
- Each collection is searchable, browsable, and view reports can be generated per collection

Special Collections

- METRO team includes one full time staff member and three part time staff borrowed from other projects
- Customized interface and built new tools (e.g. Islandora Collection Search and Islandora Useage Stats) to be contributed back to entire community
- Hosted in Amazon Web Services to outsource hardware maintenance
- Software maintenance outsourced to discoverygarden

Institutional & Data Repositories

eScholarship@BC
MORE REACH FOR YOUR RESEARCH

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Search this repository
Advanced Search



Deposit your work into eScholarship@BC
Learn more about how to make your scholarship openly accessible to the public



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[Juried Student Work](#)
[Faculty Publication Highlight Interviews](#)

Recent Additions

[Assessing the president's vision: The Fletcher, Miller, and Hoffman panels](#)
[From 'Keep on pushing' to 'Only in America': Racial symbolism and the Obama campaign](#)
[How will longer lifespans affect state and local pension funding?](#)
[Monikin "Hollow testament's" hero with his author on the air in Boston](#)
[Science librarian internship as a way to get started in EScience](#)
[The general theory of behavioral pricing: Applying complexity theory to explicate heterogeneity and achieve high-predictive validity](#)

Most Viewed

- [Public Law and Private Decisions | eScholarship@BC](#)
- [Psychological intimacy in the lasting relationships of heterosexual and same sex women | eScholarship@BC](#)
- [Relationship Based Care | eScholarship@BC](#)
- [Northern sky | eScholarship@BC](#)
- [Combined Transport, Magnetization and Neutron Scattering Study of Correlated Iridates and Iron Prictide Superconductors | eScholarship@BC](#)

- Institutional repository for scholar publications, video, research data, etc.
- Assets migrated from Digitool and new ingested managed by staff
- Discovery layer, embargoes, metadata entry all managed by staff

Institutional & Data Repositories

Islandora Scholar suite of tools release May 2014 as alternative to Dspace.

Batch Ingest allows import from external sources and formats including:

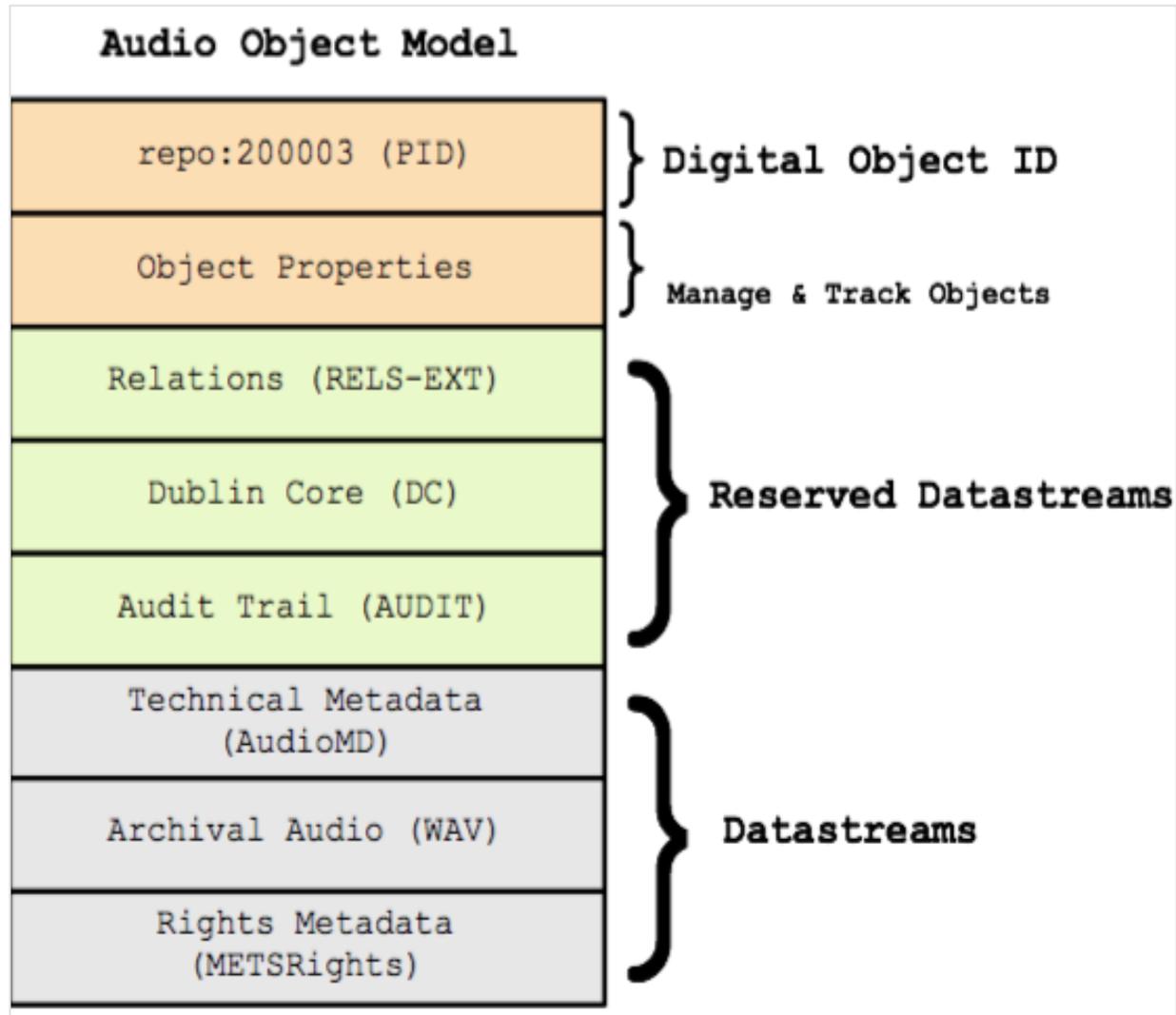
- DOIs from CrossRef
- EndNote XML
- PMIDs
- RIS

Includes CSL display and export, as well as Romeo integration (e.g. parses ISSN, queries the SHERPA/RoMEO API, and displays copyright information)

Binary and Compound Solution Packs facilitating obscure file formats

Exposing Digital Content: Solution Packs

Islandora Solution Packs



- Standard Image
- Large Image
- Book
- Newspaper
- PDF
- Audio
- Video
- Binary/File
- Compound
- Entity (person, place, event, org)

Islandora Solution Packs

discoverygarden Islandora OnDemand
Managing Digital Content Managing Digital Content

About this site Browse repository My Bookmarks

Welcome to our sandbox site.
You can login using the username "admin" and password "islandora". Please note that the sandbox is "raked" on a nightly basis so any changes will be discarded.

Search this repository Advanced Search

|+| Submit to a collection

Featured Collections

Dead Star Creates Celestial Havoc
A star's spectacular death in the constellation Taurus was observed on Earth as the supernova of 1054 A.D. Now, almost a thousand

Space Project
The mission's principal investigator, Chris Martin, is at Caltech. NASA's Goddard Space Flight Center in Greenbelt, Md.,

Sample Meeting Minutes
Islandora isn't just for special collections, archives, or dissertations. Meeting minutes and other administrative documents can be

Nakamuka
In March 2009, members of Bonfire Collective, then LBG, took a trip to Kerala accompanied by Rakesh Khanna (who was filling in on the

Browse Collections

Citations
Test Collection 123
Sample
Book Collection
Large Image Collection
Document Collection
Featured
Compound Collection
Video Collection
Featured Objects
Audio Collection

Google Analytics Summary

Visits over the last 30 days

Top Pages

- Islandora OnDemand | Managing Digital Content - 138 Views
- Top-level Collection | Islandora OnDemand - 72 Views
- Sample Meeting Minutes | Islandora OnDemand - 47 Views
- Top-level Collection | Islandora OnDemand - 38 Views
- Islandora OnDemand | Managing Digital Content - 33 Views

Full report: 171 visits this month

Top Site Searches

Search Terms	# of Searches
beach	35
test	31
elmsdale	16
church	13
dog	12
photograph	11
space	9
MADS_url_ms:'http:	7
Southwestern	6
Beach	5
beach project	5
books	5
update	5
*	4

- <http://sandbox.discoverygarden.ca>
- Footer Login (admin/ islandora)
- Browse Repository
- Click manage tab to explore objects, ingest, edit, etc.
- Explore search results, viewers, record display, etc.

Discovery: Internal & External Searches

Internal Discovery Features

- With Islandora indexes any xml based schema: MODS, DC, RELS-EXT, Fulltext and more by default
- Standard features include configurable search results display, facets, sorting, advanced search, full text searching
- New standard features include Collection Search and Batch Metadata Editing

External Discovery Features

The screenshot shows a search engine interface with a search bar containing the text "Gateways to Justice : Design and Operational Guidelines for Remote Particip". Below the search bar, there are navigation tabs for "Web", "News", "Images", "Videos", "More", and "Search tools". The search results are displayed below, starting with "About 37,700 results (0.69 seconds)". The first result is a PDF document titled "Gateways to Justice: Design and Operational Guidelin..." from www.uws.edu.au. The second result, which is highlighted with a red box, is titled "Gateways to Justice : Design and Operational Guidelines ..." from researchdirect.uws.edu.au. The third result is a review from slaw.ca titled "Gateways to Justice: design and operational guidelines f...".

- XML Site Map
- OAI PMH
- SEO

Questions?

Thank you!

For more information please contact info@discoverygarden.ca