Collaborative repository transformation and the work of building a sustainable *Islandora for All*

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Outline

- LASIR: Enhancing Open Source Options for IRs
- ISLE: ISLandora Enterprise
- Islandora For All: ISLE + LASIR + Community
LASIR: Enhancing Open Source Options for IRs
Northeast Institutional Repository Day
Sarah Lippincott // Born-Digital
Islandora Collaboration Group Member Institutions

Colgate University  Vassar  Hamilton  Williams

Smith College  Mount Holyoke  Hampshire College

Franklin & Marshall  Grinnell College  Wesleyan University  Amherst College

Rensselaer  Whitman College  TriCollege Libraries
Islandora Scholar
an existing suite of modules designed to help Islandora 7 function as an Institutional Repository

LASIR
a Mellon-funded initiative to make strategic enhancements to Islandora Scholar and its submodules, with the end goal of creating a turnkey Islandora-based IR platform
## Enhancement 1 → Search Engine Optimization

### Added/updated objects in the past 2 weeks

<table>
<thead>
<tr>
<th>View object</th>
<th>View abstract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scalable Data-driven Modeling and Analytics for Smart Buildings</td>
<td>abstract</td>
</tr>
<tr>
<td>Making Student Research Data Discoverable: A Pilot Program Using Database</td>
<td>abstract</td>
</tr>
<tr>
<td>Easthampton Town Hall (Large Image)</td>
<td>abstract</td>
</tr>
<tr>
<td>Amherst College, Lawrence Observatory (Large Image)</td>
<td>abstract</td>
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<tr>
<td>Nehemiah Strong House (Large Image)</td>
<td>abstract</td>
</tr>
<tr>
<td>Nonantum Hill Nursery materials (PDF)</td>
<td>abstract</td>
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<tr>
<td>Catalogue of the plants found in New Bedford and its vicinity; arranged according to the season of their flowering (PDF)</td>
<td>abstract</td>
</tr>
<tr>
<td>Catalogue of fruit and ornamental trees, shrubbery, and plants, for sale at the nurseries at Linnaean Hill, Rock Creek, near Washington, D.C. (PDF)</td>
<td>abstract</td>
</tr>
</tbody>
</table>

The added/updated objects include research papers and datasets related to Scalable Data-driven Modeling and Analytics for Smart Buildings. This adds to the SEO by providing more content for search engines to index, potentially improving the visibility and ranking of the website in search results.
Enhancement 2 → Usage Statistics

188 views  59 downloads  0 citations

Dear Author,

You had 1 new download in March 2019 across your 1 paper in bepress SelectedWorks. Your current readership:

1 Total Downloads

VISIT MY DASHBOARD
Enhancement 3 → Author Profiles
Enhancement 4 → Self-Submit
Enhancement 5 → Metadata Export
MIGRATION PATHWAYS

Commercial Institutional Repository Software

Today

ISLE

Islandora 7

2019

Islandora 8

Before 2022
Islandora For All

ISLE + LASIR + Community

a grant from The Andrew W. Mellon Foundation
Islandora for All

**ISLE + LASIR + Community**

Building **community** is critical to sustaining an open-source project.

ICG built strong LAC community (Hack/Docs, ISLE, LASIR)

*Islandora for All:*

1. ICG’s focus on building larger community
2. The ICG is moving towards supporting an environment that includes everyone, and that includes sharing leadership positions.
LASIR: Liberal Arts Sprint for Institutional Repositories

Goal: develop a robust suite of IR features within Islandora through community involvement, coding new features, and creating thorough documentation

Five major areas: SEO and Google Scholar, data visualizations and reporting, improved scholar profiles, self-deposit workflow, and data outputs
ISLE: ISLandora Enterprise

Goals:

● Make stack installation easy so that it lowers the barrier to entry for Islandora/Fedora adoption
● Make maintenance and sustainability easier across a variety of institutions
● Provide a viable open-source repository choice for organizations with smaller staffing levels
Islandora Collaboration Group (ICG)

The Islandora Collaboration Group (ICG) is a group of colleges **supporting** and **extending** the Islandora repository through **development**, **resource pooling** and **advocacy**.

https://github.com/Islandora-Collaboration-Group
ICG Members

- Amherst College
- Barnard College
- Colgate University
- Hampshire College
- Mount Holyoke College
- Grinnell College
- Hamilton College
- Rensselaer Polytechnic Institute

- Smith College
- Tri-College Libraries Consortium
  - Bryn Mawr College
  - Haverford College
  - Swarthmore College
- Vassar College
- Wesleyan University
- Williams College
Community - Benefits

- Help to minimize risk; greatest strength in numbers
- Targeting resources to steward unique aspects of our institutions
- Small consortial investment yields great rewards
  - Ability to join governance of larger community (e.g., Islandora Foundation)
  - Seats on board of directors, technical, and planning roadmaps
- Investing resources to products and platforms that we need in a way we can sustain
Community - Challenges

- Project Management, relationships and communication.
- Risk management and resource allocation, gaining support from senior leadership for this type of work/system.
- Open source isn’t free. Mitigating needs with both money and staff time are necessary. Sharing across institutions helps.
- Our projects are from primarily white institutions and elite colleges with financial and staffing resources. Potential to increase stakeholders in the development process of open source.
The Future

- Continued sustainable collaboration in the open source repository space.
- Alignment with Islandora 6 and Fedora 8
- Collectively developing migration plans and pathways

- More ISLE members - consider joining!
- More shared development projects
- Increasing Islandora expertise of library staff and software developers
Questions?

Importance of open source in open access

Benefit of having a wide range of participants in building out the tools

Challenges to making community-supported software work well