Jun 18th, 12:45 PM

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

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Amherst College

Et al.

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

Este Pope, Amherst College
Sarah Lippincott, Born-Digital

Outline

- LASIR: Enhancing Open Source Options for IRs
- ISLE: **ISL**andora **E**nterprise
- Islandora For All: ISLE + LASIR + Community

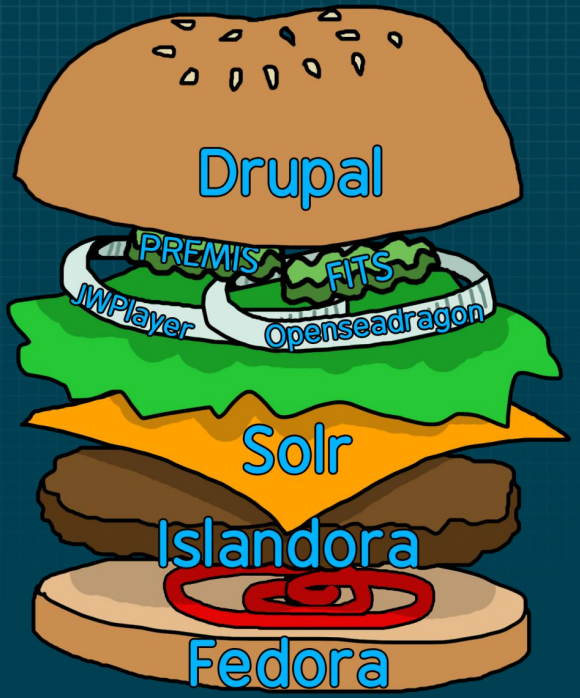
LASIR: Enhancing Open Source Options for IRs

Northeast Institutional Repository Day

Sarah Lippincott // Born-Digital

Islandora Collaboration Group Member Institutions

Islandora 7



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

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Added/updated objects in the past 2 weeks

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


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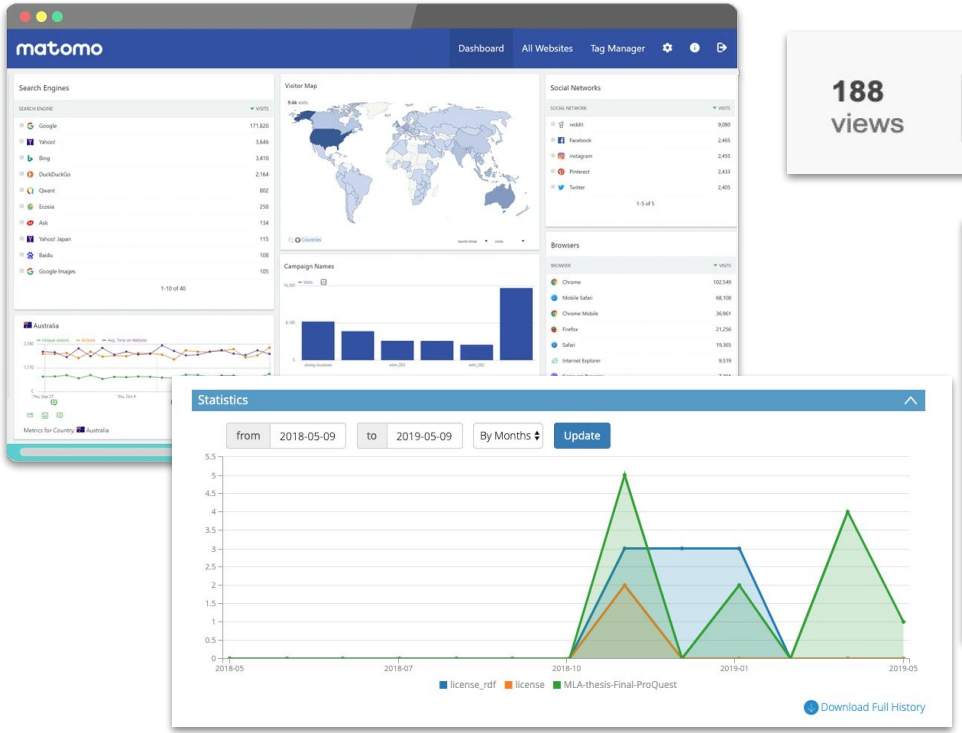
Enhancement 2 ⇢ Usage Statistics



188	59	0
views	downloads	citations

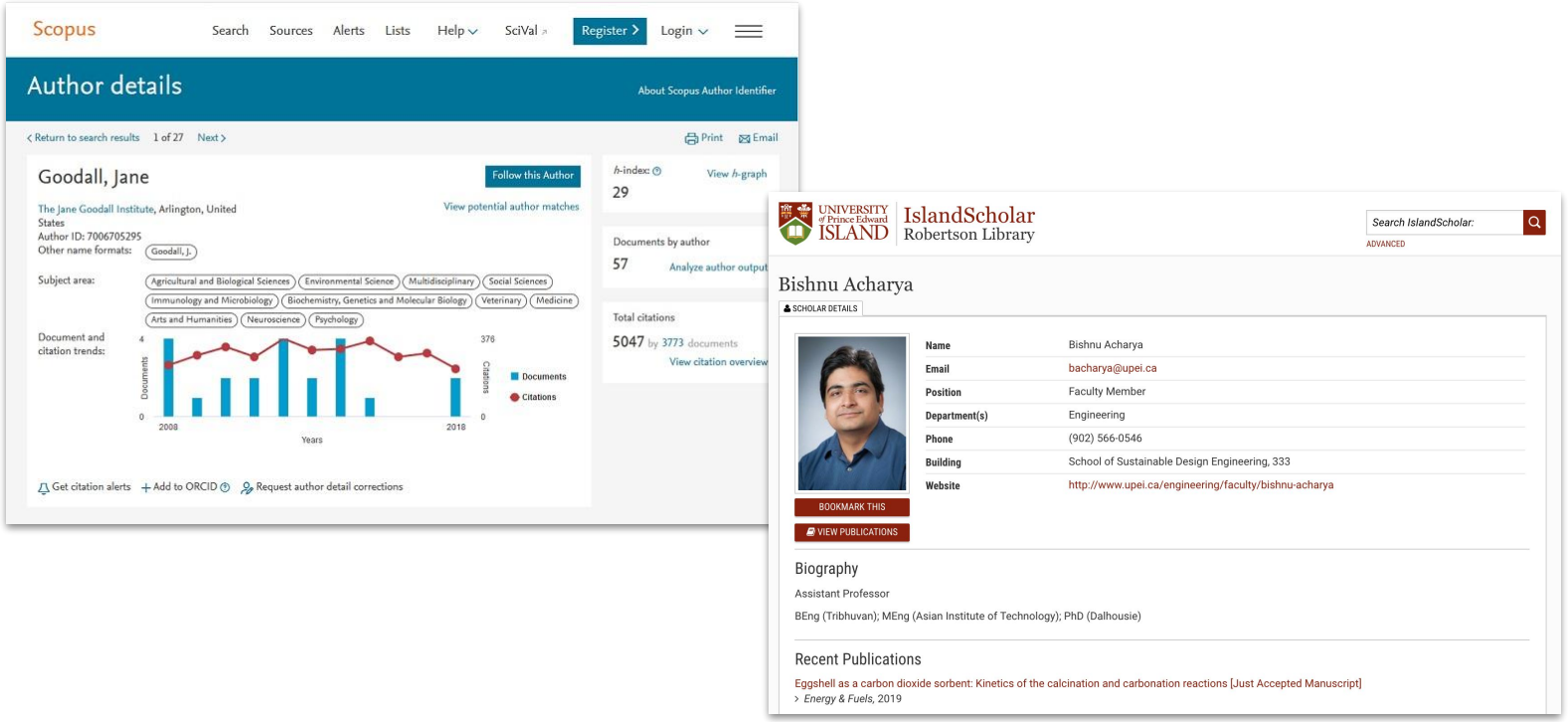
Dear Author,

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

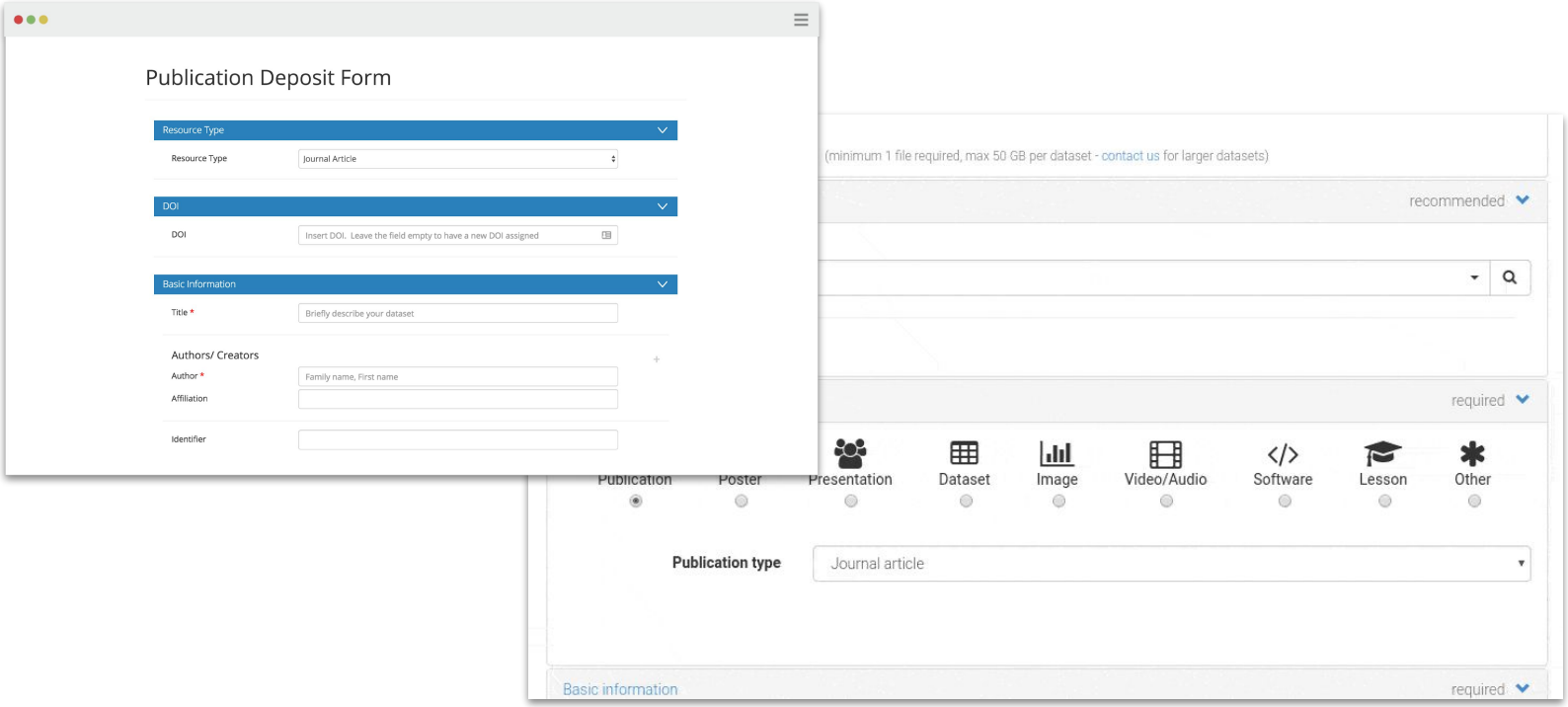
1 Total Downloads

VISIT MY DASHBOARD

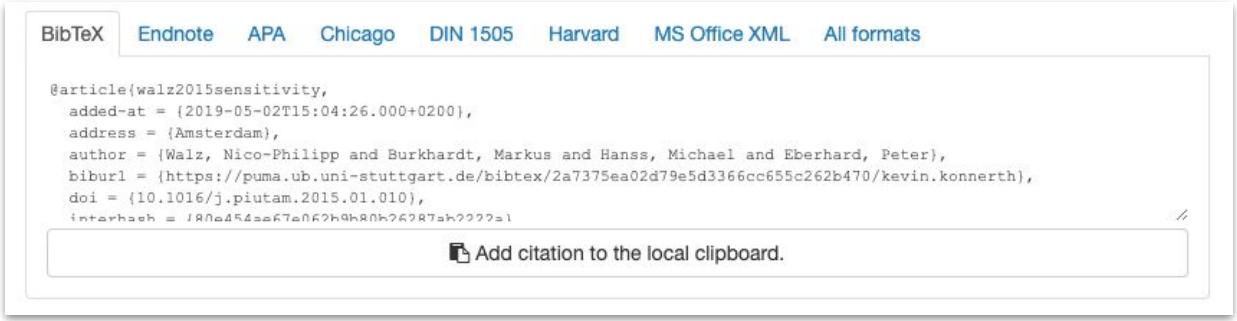
Enhancement 3 → Author Profiles

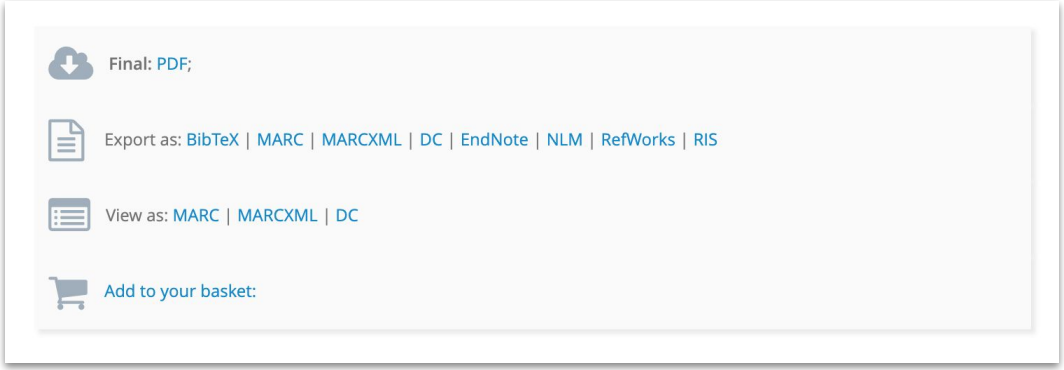


Enhancement 4 → Self-Submit



Enhancement 5 ⇢ Metadata Export

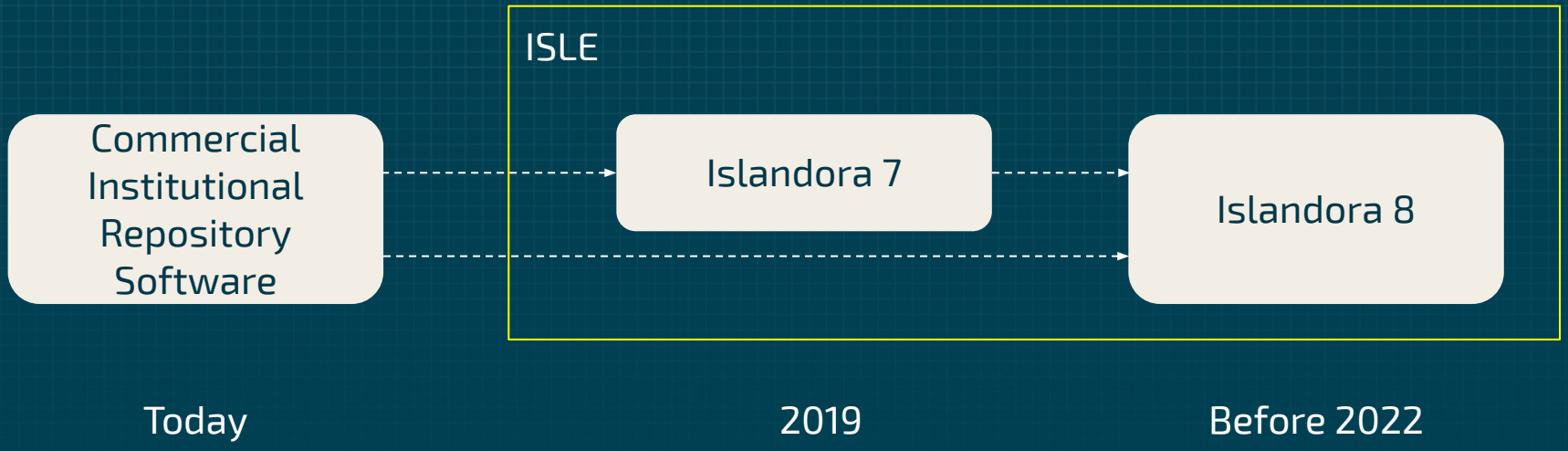




EXPORT

- RefWorks
- BibTeX
- Ref. manager
- Endnote
- DataCite
- NLM
- DC

MIGRATION PATHWAYS



Born-Digital

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Systems Developer

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: **L**iberal **A**rts **S**print for **I**nstitutional **R**epositories

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: **ISL**andora **E**nterprise

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