Exploring the Open Source Ecosystem for Long Term Preservation and Enhanced User Experience

April 21, 2015
Erin Tripp, Business Development Manager
Hi, I’m Erin Tripp

• Librarian & Open Source Advocate

• Involved in the Islandora project since 2011

• More than 30 different Islandora projects

• Contact me by email erin@discoverygarden.ca or on Twitter @eeohalloran
Presentation Agenda

Islandora Introduction

Top Technology Trends 2015
  Usability
  Discoverability
  Open Access

Islandora Open Source Software Addressing Trends

Alternatives
Open Source – Islandora

<table>
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<th>Presentation &amp; Collaboration</th>
<th>Search &amp; Discovery</th>
<th>Storage &amp; Preservation</th>
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- Drupal™
- Apache Solr
- Fedora Commons™
Islandora Software Stack

Credit Sara Allain
LITA panelists says 2015’s Top Technology Trends include:

• Usability
• Discoverability
• Open Access  (Enis, 2015)

Vital to delivering value in Digital Libraries

Open Source Software can help – Islandora
Open Source - Usability

Been there, done that:

- **Intuitive design - themes**
- **Attractive asset display - viewers**
- **Better search and browse tools - modules**
Open Source - Usability

Growing Interest:

- Compliance with
  - jurisdictional policies &
  - international standards
Open Source - Discoverability

Been there, done that:

- **Repository Search**
- **External Search**

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![Repository Search Example](image-url)
Open Source - Discoverability

Growing interest:

- Intuitive browsing with linked open data
Open access already accounts for between 10 percent and 20 percent of scholarly articles published each year, and it is currently growing 18 percent per year (Enis, 2015)

- Todd Carpenter, executive director of the National Information Standards Organization (NISO)
Open Source - Open Access

Institutional Repositories facilitate OA publishing

Local Islandora example:

Croatian national infrastructure for digital repositories DABAR project (Digital Academic Archives and Repositories)
Locking up our digital assets with proprietary solutions

Bespoke, unsustainable solutions

No action = no value for users and stakeholders
Open Source – Solution

- Solution packs for preserving and exposing digital content (e.g. image, audio, video, entities).
- Easy to use configuration for search results, sorting, faceting, exposing to Google, Google Scholar and WorldCat.
- Standards-based framework for enhanced user experience and long term preservation.
Thank you!

For more information visit [http://islandora.ca/](http://islandora.ca/)
To ask questions please contact [erin@discoverygarden.ca](mailto:erin@discoverygarden.ca)