

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

April 21, 2015

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Hi, I'm Erin Tripp

- Librarian & Open Source Advocate
- Involved in the Islandora project since 2011
- More than 30 different Islandora projects
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Presentation Agenda

Islandora Introduction

Top Technology Trends 2015

Usability

Discoverability

Open Access

Islandora Open Source Software Addressing Trends

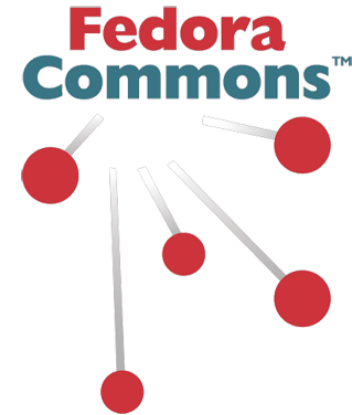
Alternatives

Open Source – Islandora

Presentation & Collaboration	Search & Discovery	Storage & Preservation
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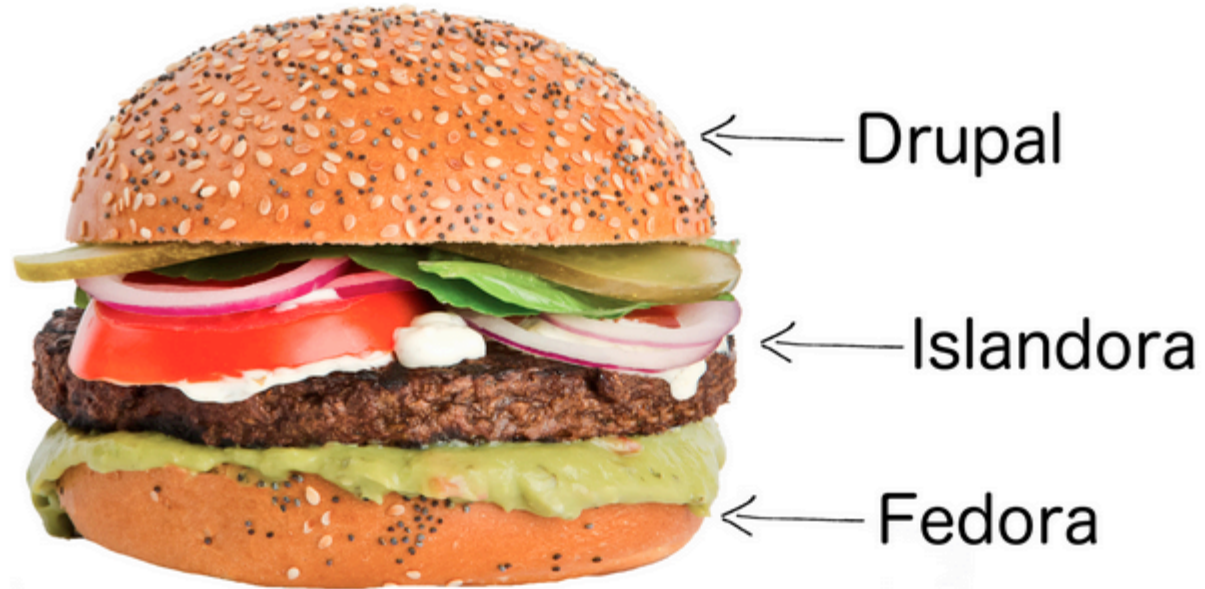
DrupalTM

Apache
Solr



discoverygarden
Managing Digital Content

Islandora Software Stack



Credit [Sara Allain](#)

Presentation & Collaboration
Middleware
Storage & Preservation

Top Tech Trends 2015

[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:

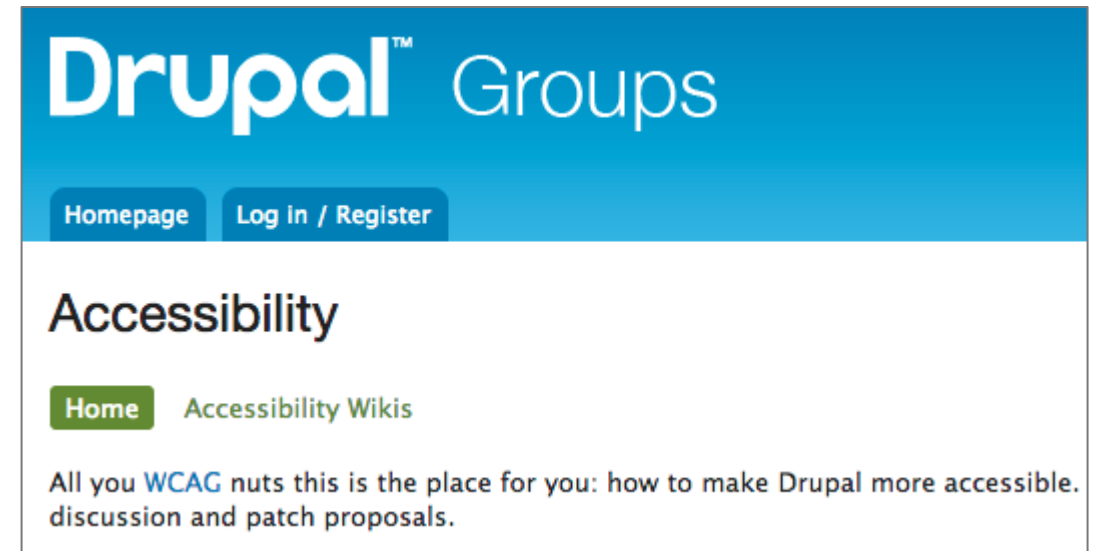
- Intuitive design - themes
- Attractive asset display - viewers
- Better search and browse tools - modules



Open Source - Usability

Growing Interest:

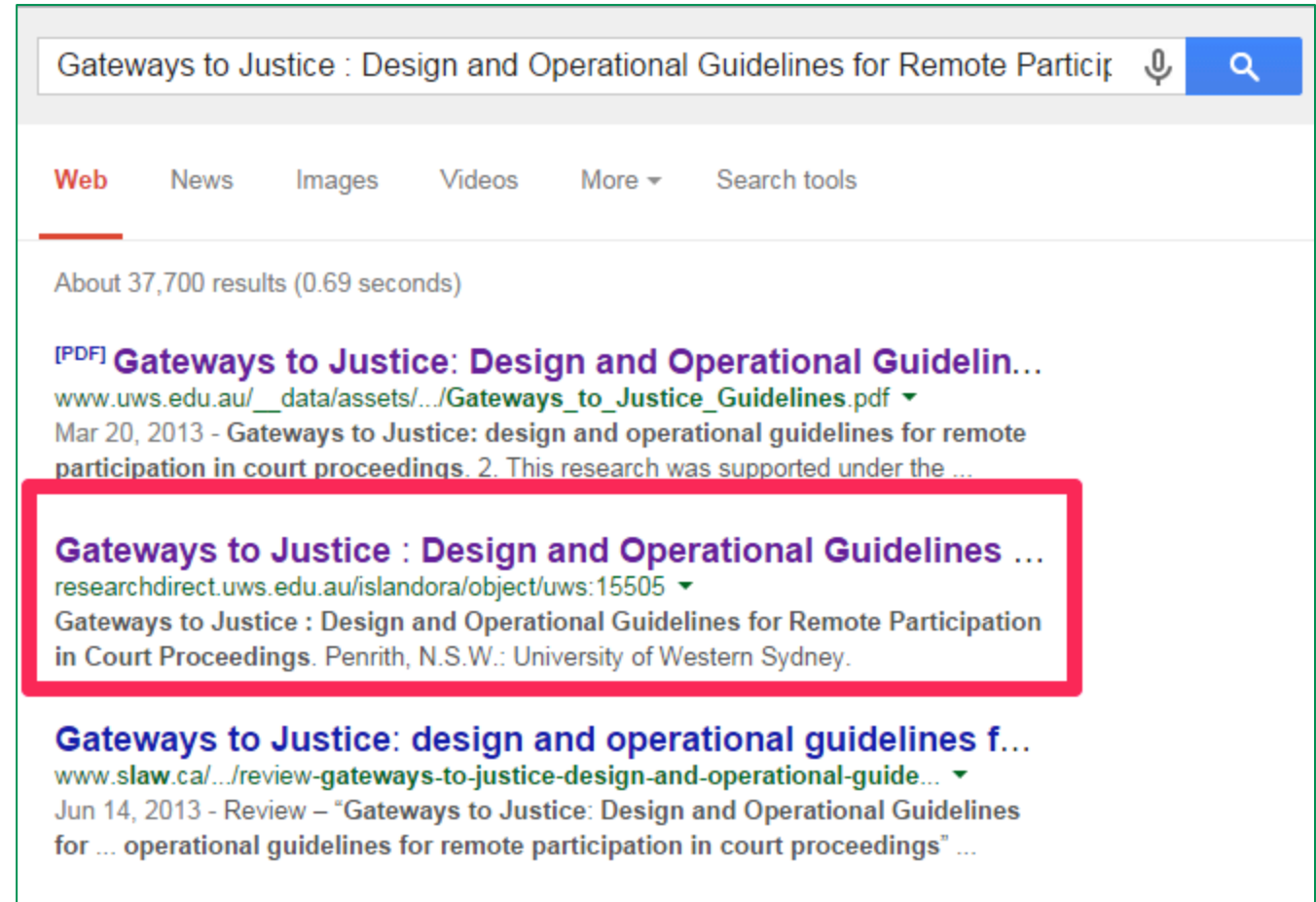
- Compliance with
 - [jurisdictional policies](#) &
 - [international standards](#)



Open Source - Discoverability

Been there, done that:

- [Repository Search](#)
- [External Search](#)




Open Source - Discoverability

**Colonial
architecture &
town planning**

[Home](#) | [Sign in](#) | [My bookmarks](#) | [About](#) | [Contact](#)

Aalbers, A.F.
Aalbers, Albert Frederik



Preferred name: Aalbers, A.F.

Name: Aalbers, Albert Frederik

AAT concept: [architects](#)

Place of birth: [Rotterdam](#)

Place of death: [Rotterdam](#)

Date of birth: 1897-12-13


Date of death: 1961

Group: Architects who worked in Dutch colonies



Organisation: [Aannemer J. Bennink](#) (worked here)
[Bureau Aalbers en de Waal \[Bandoeng\]](#) (worked here)
[Academie voor Beeldende Kunsten en Technische Wetenschappen](#) (studied here)

Primary topic of: [zoeken.nai.nl](#);
[en.wikipedia.org](#)

Documents

TITLE	AUTHOR	TYPE	DATE
 A.F. Aalbers (1897-1961)	Segaar-Höweler, D.C.; Boersma, T.	Book	View

Buildings

NAME	PERSON	PLACE	DATE
 Bankgebouw De Eerste Nederlands-Indische Spaarkas	Aalbers, A.F.	Bandung	1935 View
 Bedrijfsgebouw Bataafsche Petroleum Maatschappij	Aalbers, A.F.	Palembang	1941 View

Growing interest:

- [Intuitive browsing with linked open data](#)

Open Source - Open Access

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)

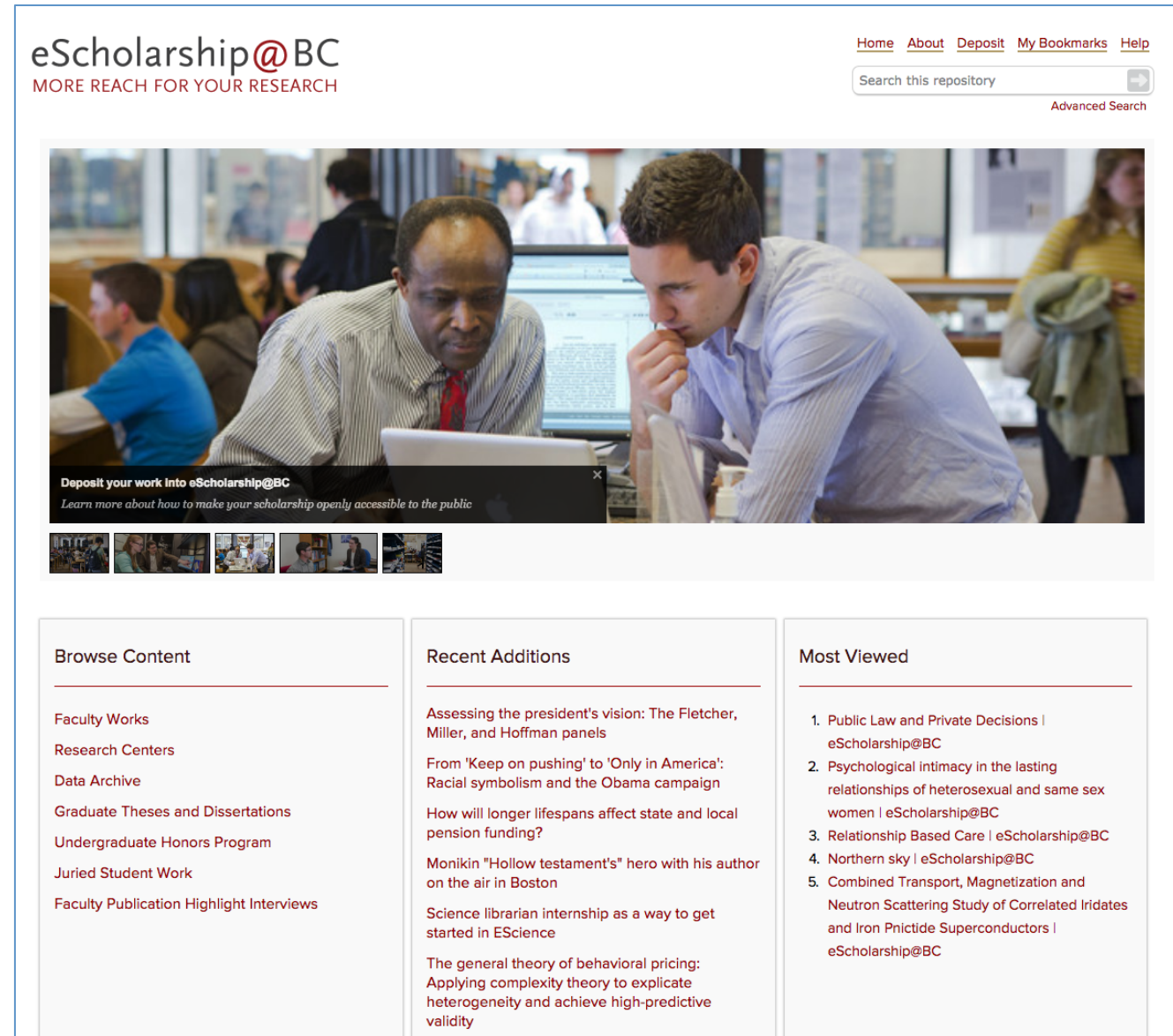
- Todd Carpenter, executive director of the National Information Standards Organization (NISO)

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)



The screenshot displays the eScholarship@BC website. At the top, the logo "eScholarship@BC" is accompanied by the tagline "MORE REACH FOR YOUR RESEARCH". Navigation links for "Home", "About", "Deposit", "My Bookmarks", and "Help" are visible. A search bar prompts users to "Search this repository" with an "Advanced Search" link. A large banner image shows two men in a library setting looking at a laptop. Below the banner, a text overlay reads: "Deposit your work into eScholarship@BC. Learn more about how to make your scholarship openly accessible to the public." The main content area is divided into three columns: "Browse Content" with links to Faculty Works, Research Centers, Data Archive, Graduate Theses and Dissertations, Undergraduate Honors Program, Juried Student Work, and Faculty Publication Highlight Interviews; "Recent Additions" listing new uploads such as "Assessing the president's vision: The Fletcher, Miller, and Hoffman panels" and "From 'Keep on pushing' to 'Only in America': Racial symbolism and the Obama campaign"; and "Most Viewed" featuring a list of popular items, including "Public Law and Private Decisions" and "Psychological intimacy in the lasting relationships of heterosexual and same sex women".

Open Source - Alternatives



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/>

To ask questions please contact erin@discoverygarden.ca