
New Partnerships in the Scholarly Communication System and the Open Source Toolkit

CNI, December 14, 2015

Overview

Robert Cartolano
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“We can go further together.”

Our Partnerships

- **Strategic Tech Investment** - staff, infrastructure, services
 - **Close Relationships** - we can go further together
 - **Share Efforts** - share code, methods and lessons learned
-

The Open Source Toolkit



blacklight



Fedora™



hydra

- Open Source Products - Blacklight, Hydra, Fedora
- Open Standards - metadata (PCDM), file formats
- Open Communities - DuraSpace, HathiTrust, APTTrust
- Open API/Protocols, Licenses - sharing, interoperability

“Open” fosters **long-term preservation and access**

“Open” fosters **building new communities & partnerships**

“Open” provides **platforms for deeper collaboration**

Partnerships in Scholarly Communications

- Columbia University Press
- Modern Language Association
- Columbia Libraries Humanities & History Division
- Columbia Center for Digital Research and Scholarship

Share knowledge to foster capture and dissemination of scholarly materials

Leverage best-in-class open source toolkit and techniques to accelerate service development and delivery

Two Projects

- **Columbia International Affairs Online - Fall 2015**
 - Columbia University Press
 - Columbia Center for Digital Research and Scholarship
 - **Humanities CORE - May 2015**
 - Modern Language Association
 - Columbia Libraries Humanities & History Division
 - Columbia Center for Digital Research and Scholarship
-

CIAO

Jennifer Crewe

@jcrewe

Director

Columbia University Press

“What the think tanks are thinking”

The Partnership behind Columbia
International Affairs Online



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Returning Soon: CIAO country data and maps provided by:



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Disturbing documentary on IS indoctrination of children in Afghanistan

pbs.org/wgbh/frontline...
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What the think tanks are thinking

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Trends

Usage

Year	Sessions	Searches
2010	634,000	1,817,000
2011	600,000	2,279,000
2012	526,000	3,604,000
2013	364,000	2,071,000
2014	405,000	1,611,000

Subscriptions: 2014 - 2015

784 → 682 active subscribers

580 → 508 colleges/universities

92 → 71 high schools

7 → 6 public libraries



Library/Press Partnership

Press: Content Development & Acquisition

CUL:

User Experience & Project Management

- Faceted Browsing via (Blacklight) Leveraging Columbia's academic search and discovery experience

Metadata

- Access to library metadata expertise
- Configuring custom metadata feeds
- Input from CUL/IS collections subject specialists



New on CIAO

- Blacklight-based faceted browsing and refinement of search results based on normalized metadata
- Open URL and Shibboleth capabilities
- Live Twitter feed
- More video content and CIAO YouTube channel
- Full text e-books

New content partnerships:

- The Soufan Group
- Perceptions (Center for Strategic Research)
- Center for Migration Studies
- Hudson Institute
- Fletcher Security Review
- International Foundation for Electoral Systems
- Institute for the Study of War
- Third Way
- Atlantic Council
- Foreign Policy Research Institute
- United States Institute of Peace
- Transparency International



American Political Science Association Annual Conference, September 2015



VERDICT: Despite some shortcomings on the search capabilities side, **CIAO is primarily about content, and is a steal.** The faceted browsing works well enough that the issues with searching aren't a major obstacle when it comes to accessing the distinctive array of material on international relations assembled here. The homegrown appeal of the original version of CIAO always left us inclined to cut it some slack, especially since the content was so varied and appealing.

-Library Journal, October 15, 2015-

www.ciaonet.org

CORE

Kathleen Fitzpatrick

@kfitz

Modern Language Association

“The MLA exists to support the intellectual and professional lives of its members; it provides opportunities for members to share their scholarly work and teaching experiences with colleagues, discuss trends in the academy, and advocate humanities education and workplace equity.”

MLA Commons

- launched in 2013 to facilitate collaboration and communication amongst members
- key component of efforts to promote new models for scholarly communication
- includes group discussions, publications, and a range of other modes of communication, including rudimentary file sharing

Commons + Repository?

Potential benefits:

- scholar identification with field than institution suggests that a disciplinary repository might be able to achieve more robust levels of participation
- connection of repository to a social network may help it achieve greater levels of interaction and use than institutional repositories have to this point

Commons + Repository?

But...

- no repository-oriented expertise on staff, either on the software side or on the repo management side
- no desire for wheel-reinvention

Partnership with CDRS

- applied together for an NEH Digital Humanities Startup Grant to build a working prototype of CORE, or the Commons Open Repository Exchange
- Columbia CDRS provided hosting and support for the Fedora-SOLR stack and consulted with MLA as we developed a Wordpress plugin that creates a user interface for deposit, metadata creation, discovery, and download of repository objects

CORE

- launched in beta in May 2015
- in 6 months, 176 deposits, including article and book chapter preprints, dissertations, syllabi, presentations, learning objects, and other digital files
- strong download levels for deposits, largely due to social network with which files are shared

Filter results (select all that apply)

Author

Alex Christie (1)

Alex Garnet (1)

more>>

Forum

CLCS European Regions (1)

CLCS Renaissance and Early Modern (3)

more>>

Subject

Academe (5)

American literature (1)

more>>

CORE Search Results

Search Deposits...

Filter(s):

Search Term: **fitzpatrick**

Order By: **Newest Deposits**

Start Search Over

Rethinking the Dissertation: Opportunities Created by Emerging Technologies

Author(s): [Katina Rogers \(see profile\)](#)

Date: **2015**

Forum(s): [TC Digital Humanities](#)

Subject(s): [Academe](#), [Education](#), [Scholarly communication](#)

Item Type: [Presentation](#)

Permanent URL: <http://dx.doi.org/10.17613/M6VG60>

Roadmap

- increasing interoperability (via SHARE and other means of communicating with IRs)
- broadening interdisciplinarity (via Mellon-funding Humanities Commons project)
- growing collaborations (with more library partners, more scholarly societies, more kinds of organizations)

Humanities & History Libraries

Barbara Rockenbach
@wilderbach
Columbia University Libraries

“Shifting focus from what liaisons do to how their efforts impact faculty, students, and others will be critical to the future development of this model.”

- Anne Kenney “Leveraging the Liaison Model”
-

Organizational Development

- Developing Librarian, developinglibrarian.org
 - Impact
 - Engagement
 - Outward focus
 - What does the university care about?
 - How can we begin to solve university problems?
-

Modern Language Association (MLA)

- A model for internal & external collaboration
 - Grant opportunities and mandates
 - User behavior and assessment
-

Center for Digital Research & Scholarship (CDRS)

- **New conversations with faculty & divisional deans**
 - open access
 - author rights
 - grant funded research
 - **New measures of impact**
 - Academic Commons and CV review
 - Digital scholarship (Digital Dante)
-

Center for Digital Research & Scholarship

Mark Newton

@libmark

Columbia University Libraries

“advance knowledge and learning at
the highest level and convey the
products of [Columbia University’s]
efforts to the world”

CDRS: History & Programs

- Online Research Repository (Academic Commons)
 - Digital Scholarship and Publishing Programs
 - Scholarly Communication outreach / Open Access
 - Project Management
 - Application Development leveraging open source tools to advance specific initiatives
-

Project Activity, Next Steps

- CIAO
 - Blacklight & Solr metadata feeds
 - Continued improvement to faceted browsing
 - Humanities CORE
 - Fedora 4 & PCDM
 - SHARE Integration
 - Sustainability Planning & Project Assessment
-

Conclusion: Outcomes for Technology-based partnerships

- drive broader adoption of the community-supported open source toolkit and improve prospects for sustainability,
- while deepening connections between groups with potential for further collaboration

Conclusion: Enables Collaboration over Competition

range of incentives drive scholarly practices, which

- fuels a diverse scholarly communication environment from institutional perspective
- prompts a shift in strategy in fulfillment of mission with peers who share our values

Questions?

Robert Cartolano

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Barbara Rockenbach

Mark Newton