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

CNI, December 14, 2015

Overview

Robert Cartolano @Rob_Cartolano Columbia University Libraries "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







- Open Source Products Blacklight, Hydra, Fedora
- Open Standards metadata (PCDM), file formats
- Open Communities DuraSpace, HathiTrust, APTrust
- 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
@jecrewe
Director
Columbia University Press

"What the think tanks are thinking"

The Partnership behind Columbia International Affairs Online



COLUMBIA INTERNATIONAL AFFAIRS ONLINE

What the think tanks are thinking

Search CIAO...





DISCOVER CONTENT BY:

Topic



Political Geography

Working Paper

Journal Article

Policy Brief

Video

Authory

CIAO Focus



FEATURED CONTENT

CIAO Focus m

Islamic State Primer



>

Jordan's Refugee Crisis

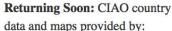
Working Paper

Low-Cost Authoritarianism: The Egyptian Regime and Labor Movement **Since 2013**

Working Paper

Algeria and Its Neighbours









Water



Disturbing documentary on IS indoctrination of children in Afghanistan pbs.org/wgbh/frontline...

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What the think tanks are thinking

CIAO is your one stop shop for journal and think tank content within the field of international relations and features:

- Working papers
- Policy Briefs
- Reports
- Journal articles
- E-books
- Videos
- Original papers written by leading experts in the field of IR
- Course packs of background readings for political science & IR classes



Trends

<u>Usage</u>

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

 $784 \rightarrow 682$ active subscribers

 $580 \rightarrow 508$ colleges/universities

 $92 \rightarrow 71$ high schools

 $7 \rightarrow 6$ 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

www.ciaonet.org



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-

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

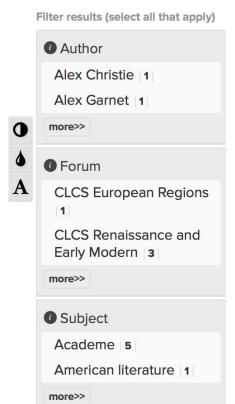


CORE

- 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



GROUPS MEMBERS SITES ACTIVITY CORE **MLA PUBLICATIONS** HELP



CORE Search Results Q Search Deposits... Filter(s): Start Search Over Search Term: fitzpatrick Order By: Newest Deposits 🗘

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
 - O 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 Jennifer Crewe Kathleen Fitzpatrick Barbara Rockenbach Mark Newton