

Library Publishing Coalition Virtual Preconference, May 19, 2022

Where are all the books?

**Why OA ebook authors don't get the
recognition they deserve and how we can
fix the situation**

- **Rebecca Bryant**, Senior Program Officer, OCLC Research
- **Jeff Edmunds**, Digital Access Coordinator, Penn State University Libraries
- **Terri Geitgey**, Program Manager, Lever Press



AGENDA

- What are RIM systems and why should we care?
- Lever Press OA monograph distribution & discovery workflow
- OA monographs in RIM systems at Penn State



Rebecca Bryant, PhD

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What the %\$&! is Research Information Management?

Research Information Management (RIM) systems support the transparent aggregation, curation, and utilization of data about institutional research activities.

RIM

- Faculty Activity Reporting
- HR/Academic Affairs sectors

 **watermark™**
Faculty Success
formerly Digital Measures


interfolio


Elements


Home grown


-ELSEVIER- **Pure**


Elements

- CRIS systems
- Publishing/schol comm sector

PROFILES
Research Networking Software

VIVO

- Open source, seeded by NIH
- Public portals

 **ExLibris**
Esploro 

- New entrant, with institutional repository at the core
- Library sector


cayuse

- New entrant, also a hybrid RIM-IR
- Research administration sector

 **OCLC**

Research Information Management (RIM) systems support the transparent aggregation, curation, and utilization of data about institutional research activities.



Why is there so little agreement on what we call these things (in the US)?

Disparate use cases

- Each system is often developed to support a single use case
- Separate communities have evolved

Lots of stakeholders

- . . . In a complex adaptive university system
- They often know little about what other stakeholders are doing

Few national mandates

- RIM systems are rarely used for compliance monitoring in the US (for now)

Who are the stakeholders?

Institutional leaders at research institutions

- VP Research
- Provost
- CIO
- Faculty affairs
- Academic departments & research institutes

Faculty & other researchers

External audiences like government & business

Internal units that engage external audiences

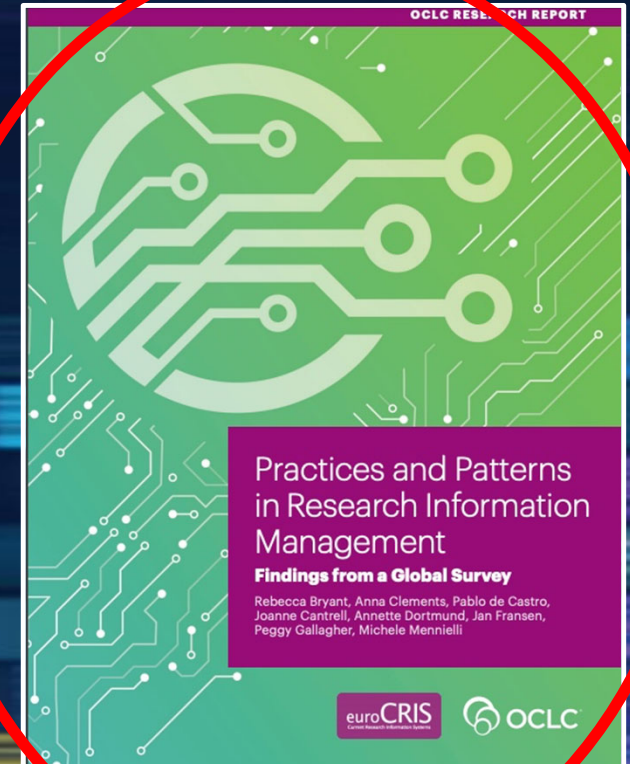
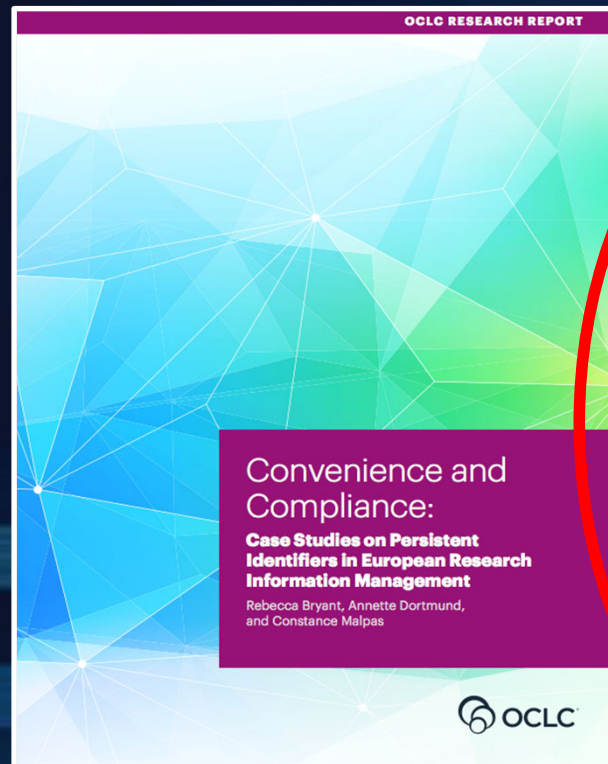
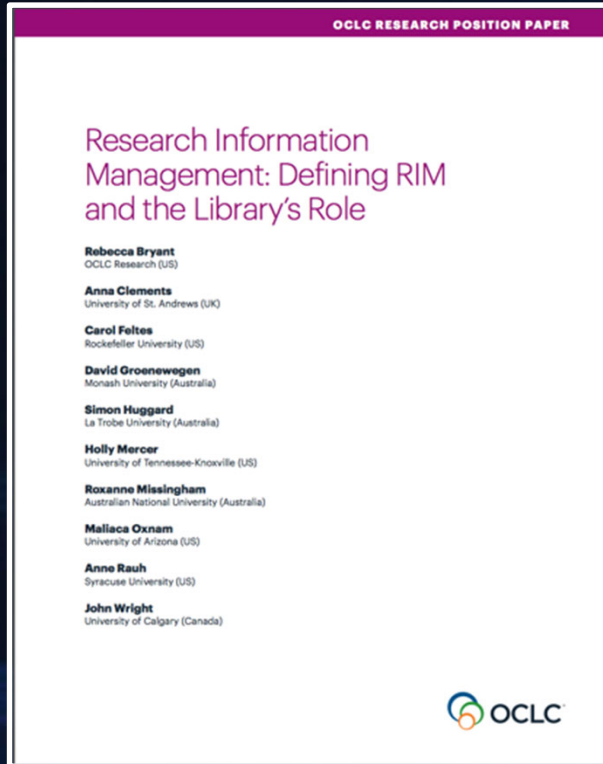
- Corporate relations, advancement, tech transfer, etc.

Library leaders

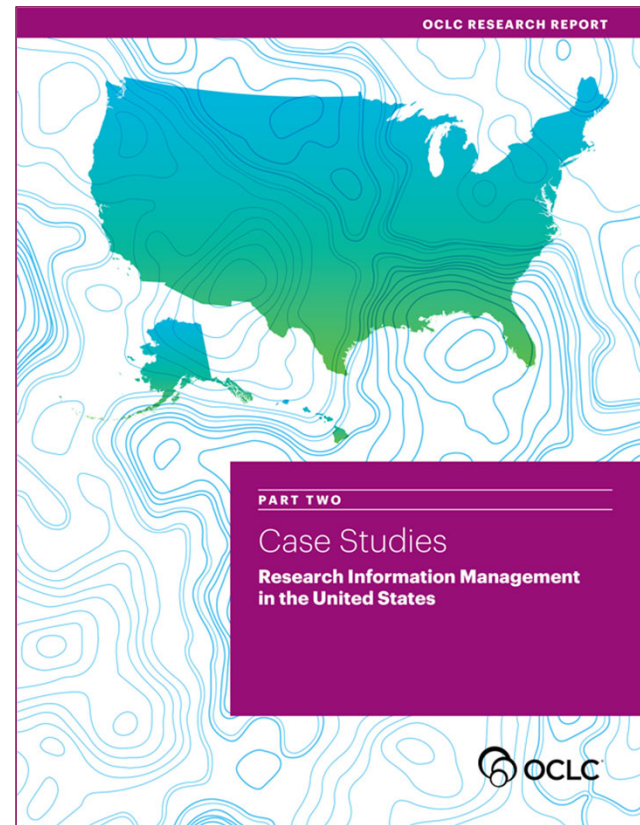
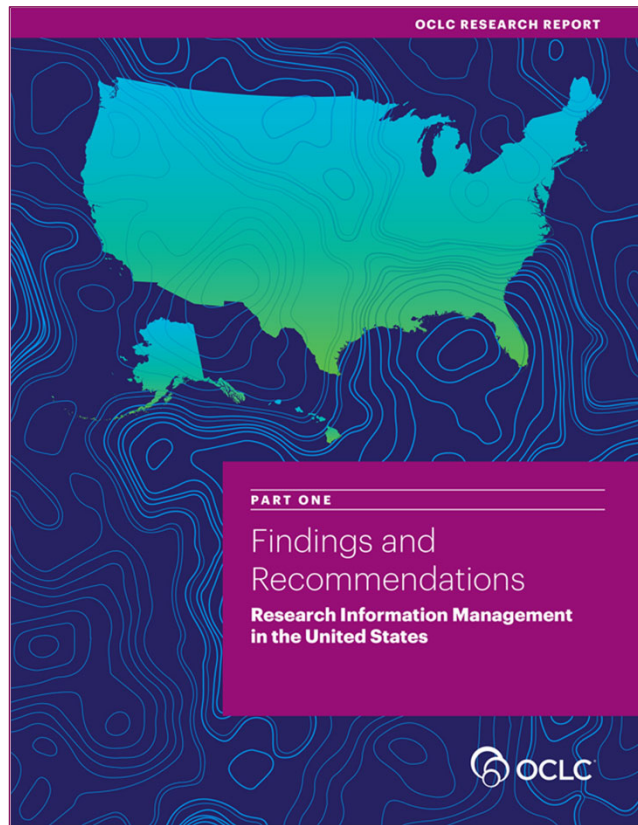
- Metadata librarians, Bibliometrics and research impact (BRI) librarians

RIM practitioners

OCLC Research publications on Research Information Management



Research Information Management in the United States



oclc.org/us-rim-report

Research Information Management in the United States

Methodology

- Case study approach
- 5 US research universities with a diversity of:
 - Uses
 - Products
 - Scale
 - Stakeholders
- Semi-structured interviews with 39 individuals at 8 institutions

Case study institutions



Penn State



Texas A&M



Virginia Tech



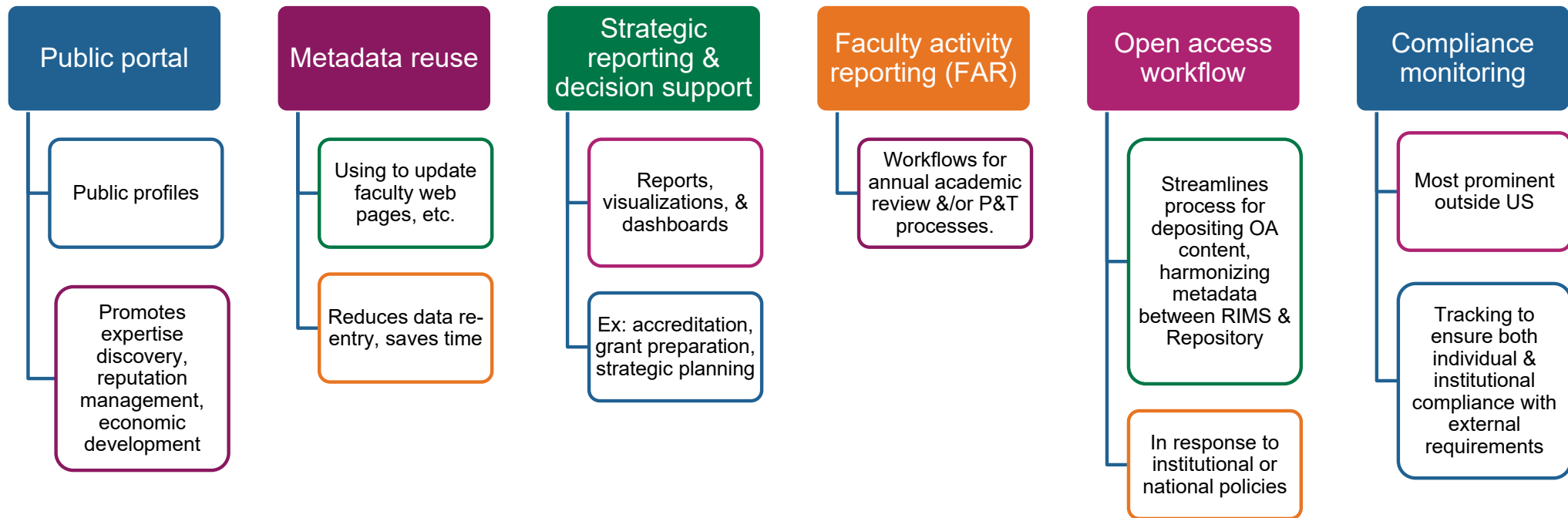
UCLA



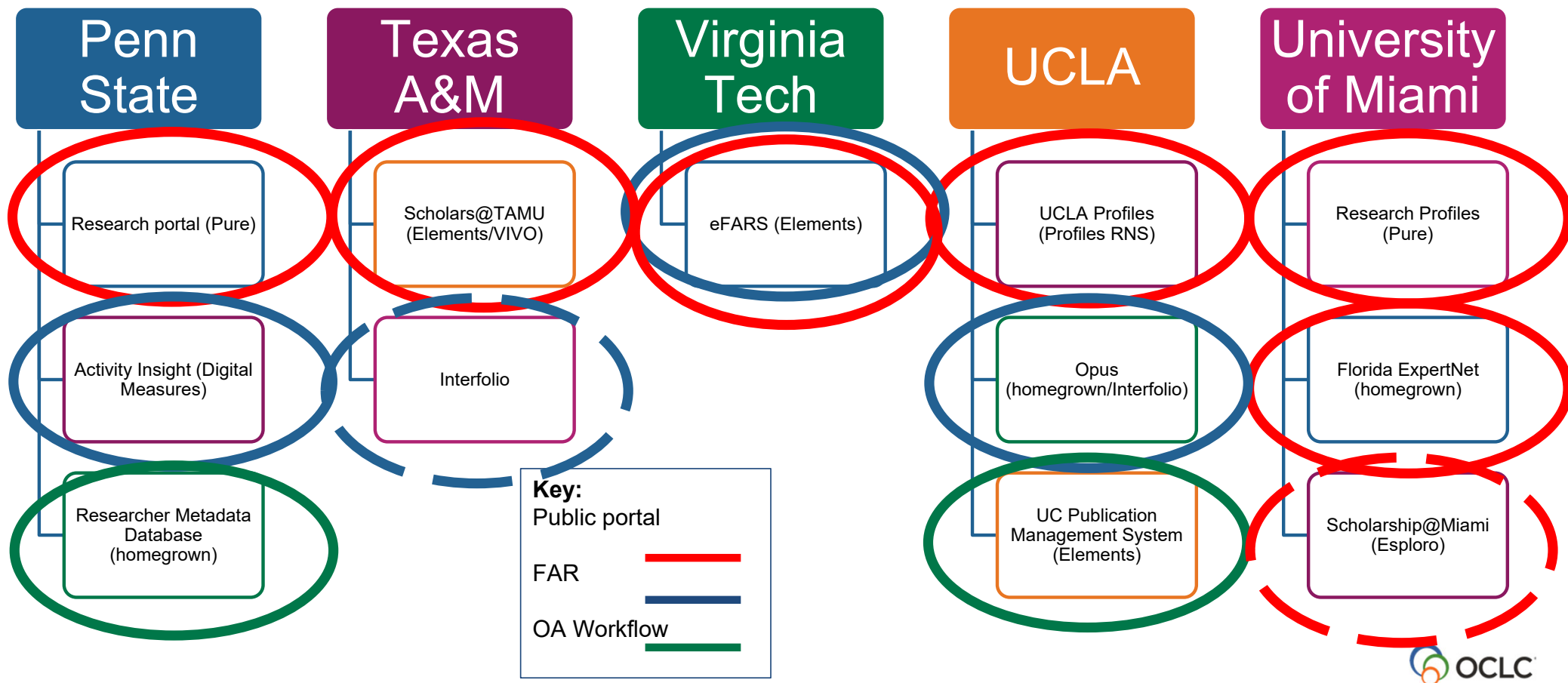
University of Miami

oclc.org/us-rim-report

6 high level RIM use cases

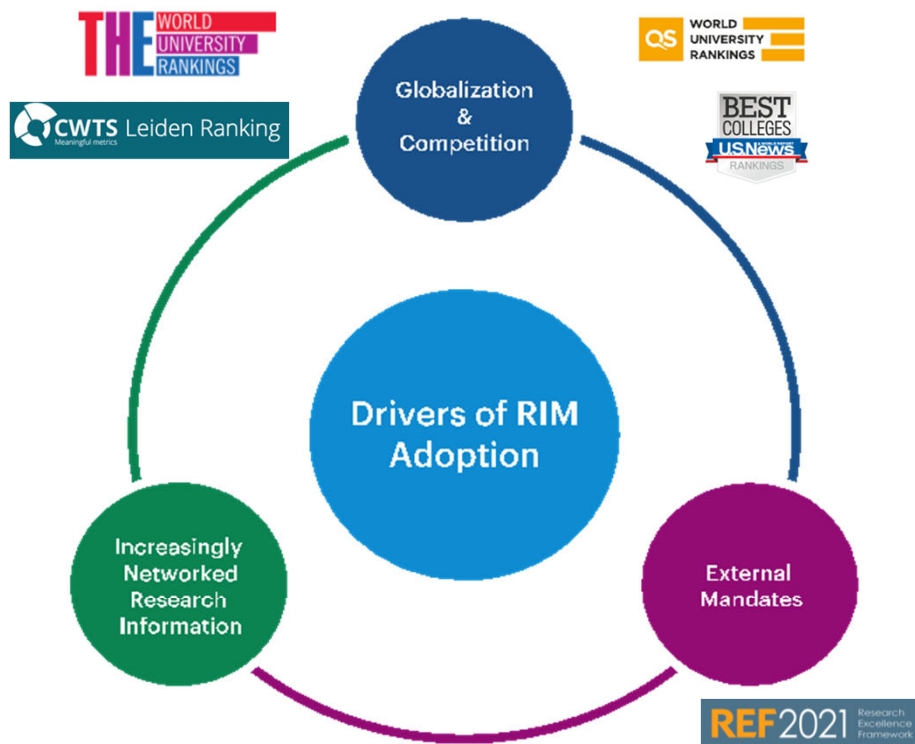


Most institutions have multiple RIM systems,
supporting multiple uses



**RIM SYSTEMS ARE MADE
POSSIBLE BY METADATA
HARVESTING AT SCALE**

Why now? Because we can.



Advancing technologies,
standards, and networked
information

- Persistent Identifiers (PIDs)
 - DOIs
 - ORCIDiDs
 - ROR identifiers for institutions
- Publication metadata harvesting at scale
 - PubMed
 - Scopus
 - Web of Science



"Drivers of RIM Adoption" by [OCLC Research](#), from *Research Information Management: Defining RIM and the Library's Role* (doi.org/10.25333/C3NK88), CC BY 4.0





Find Research outputs



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Filters for Research output

Sustainable Development Goals

- ☐ SDG 3 - Good Health and Well-being (2676)
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- ☐ SDG 13 - Climate Action (216)
- ☐ SDG 15 - Life on Land (140)
- ☐ SDG 16 - Peace, Justice and Strong Institutions (116)

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Type

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2019 [×](#)

1 - 50 out of 11,479 results

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2019

(CDC)-Rhodium-catalyzed hydroallylation of vinylarenes and 1,3-dienes with allyltrifluoroborates

Marcum, J. S., Cervarich, T. N., Manan, R. S., **Roberts, C. C.** & Meek, S. J., May 22 2019, In: ACS Catalysis. 9, 7, p. 5881-5889 9 p.

Research output: Contribution to journal > Article > peer-review

[Vinylarene](#)

[Rhodium](#)

[Hydrides](#)

[Nucleophiles](#)

[Protonation](#)



13

Scopus citations



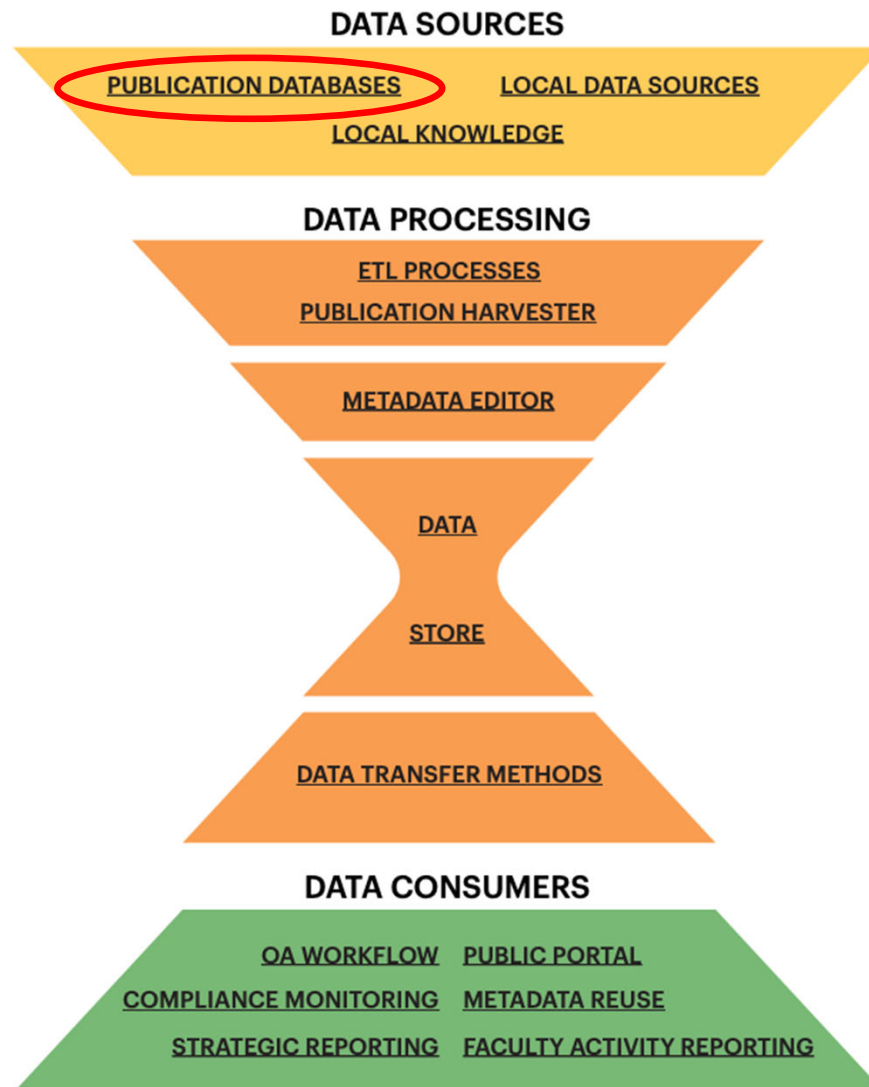
('High quality') in amphis, fr. 26 and other late classical and early Hellenistic authors

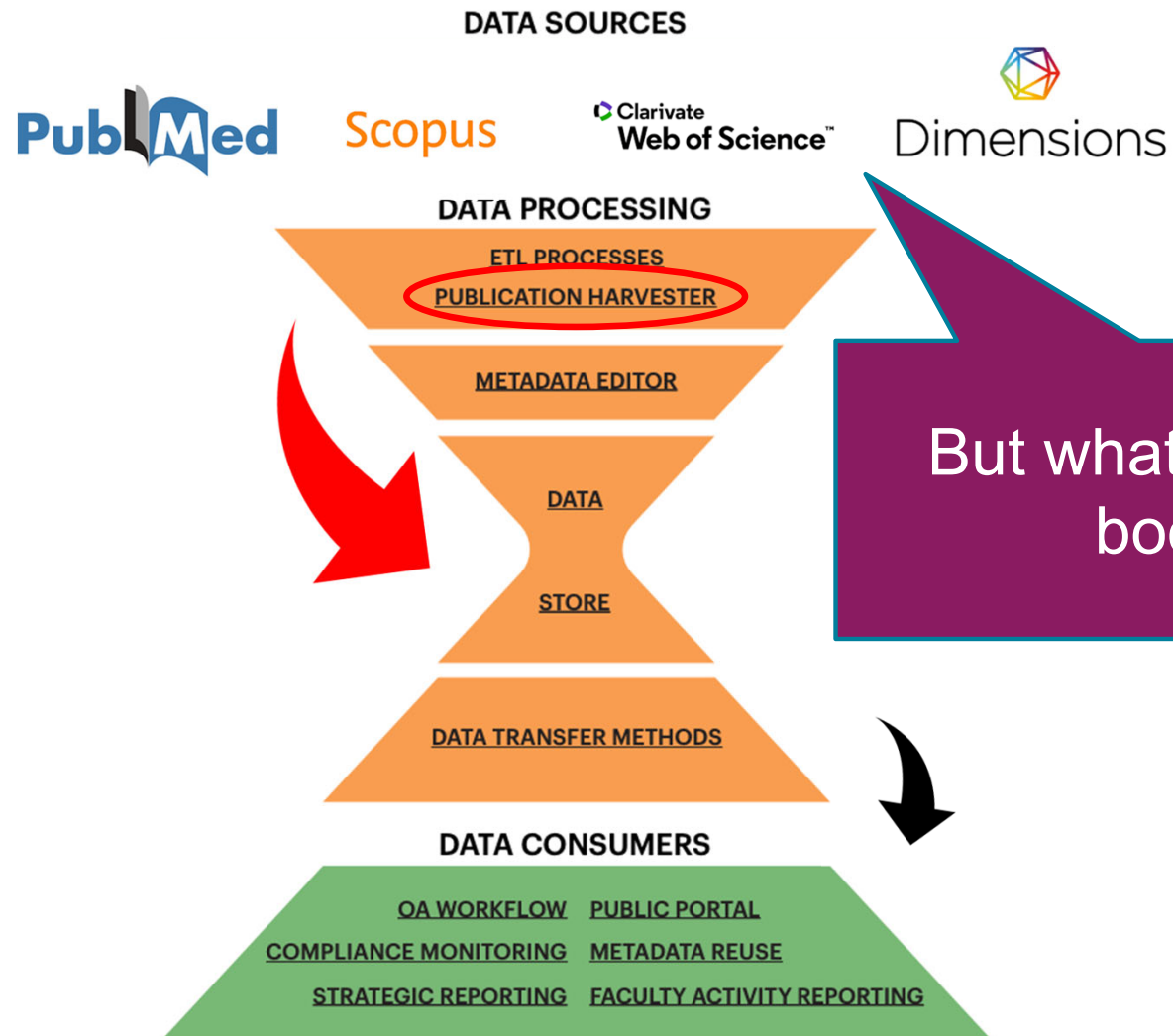
Olson, S. D., Jan 1 2019, In: Classical Quarterly. 68, 2, p. 1-3 3 p.

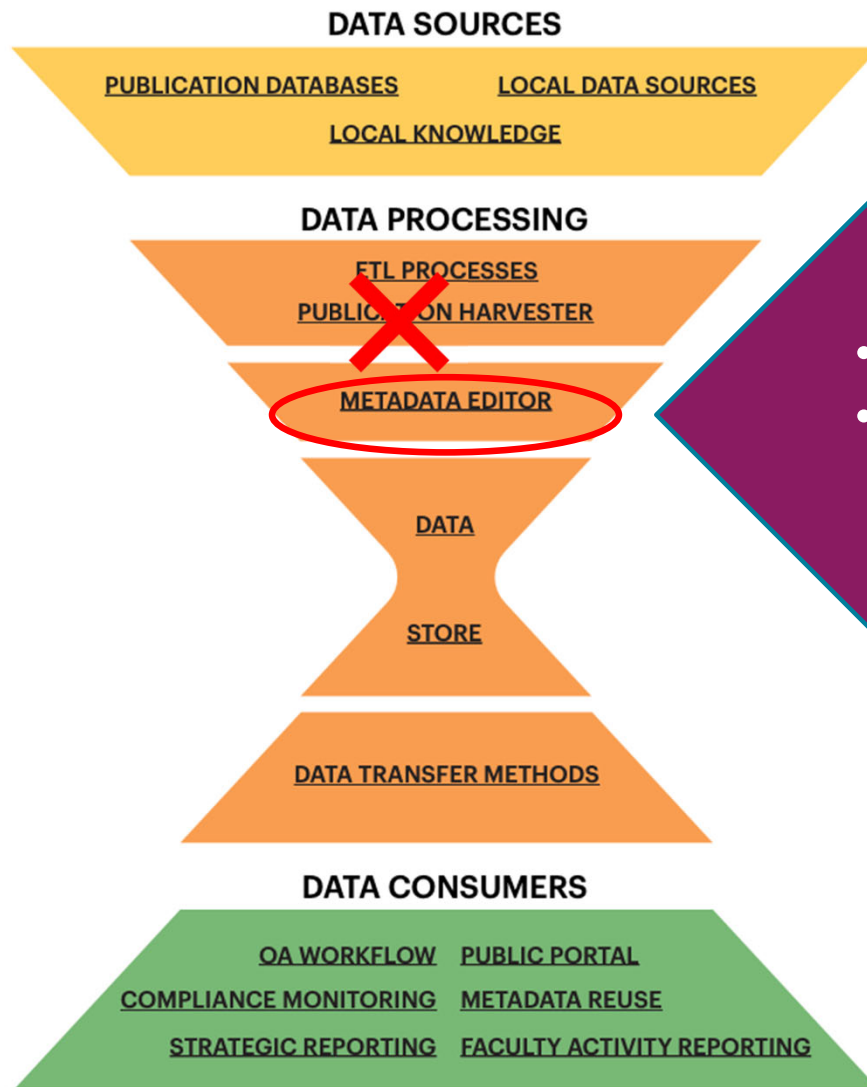
Research output: Contribution to journal > Review article > peer-review

1

Scopus citations







- Manual entry
- Direct import from other data sources like MLA bibliography

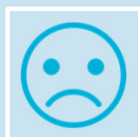
Books & chapters aren't arriving in RIM systems



Increasing adoption of RIM systems within North American institutions



Requires manual entry by library staff



Disproportionately impacts humanities & social science scholars, who aren't getting full credit for their work

Why should I care?

Guest Post: Scholarly Book Publishing Workflows and Implications for RIM Systems

By REBECCA BRYANT, CHARLES WATKINSON, REBECCA WELZENBACH | DEC 6, 2021 | 0 COMMENTS

BOOKS | DISCOVERY | INFRASTRUCTURE | LIBRARIES | METRICS AND ANALYTICS | OPEN ACCESS | TECHNOLOGY | TOOLS | UNIVERSITY PRESS



PRINT THIS PAGE

Editor's Note: Today's post is by Rebecca Bryant, Charles Watkinson, and Rebecca Welzenbach. Rebecca Bryant is Senior Program Officer with OCLC. Charles Watkinson is is Director of University of Michigan Press and Associate University Librarian for Publishing at the University of Michigan. Rebecca Welzenbach is Research Impact and Information Science Librarian at the University of Michigan.

Research Information Management (RIM) is an area of considerable growth for North American institutions today. Research universities like the [University of California](#), the [University of Michigan](#), and [Virginia Tech](#) use RIM systems in support of a variety of use cases. A [recent OCLC Research report](#) documents the RIM practices at five US case study institutions, and identifies six RIM use cases:

- Faculty activity reporting (FAR)
- Public portals for expertise discovery and showcasing research
- Metadata reuse
- Strategic reporting and decision support
- Open access workflows
- Compliance monitoring

OFFICIAL BLOG OF:



THE CHEFS



Exercise



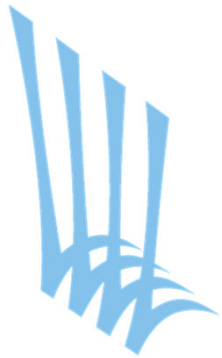
Think about a publication
in your catalog



Do you think it will make
it into the RIM system at
the author(s)' institution?

References

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- Bryant, Rebecca, Anna Clements, Pablo de Castro, Joanne Cantrell, Annette Dortmund, Jan Fransen, Peggy Gallagher, and Michele Mennielli. 2018. *Practices and Patterns in Research Information Management: Findings from a Global Survey*. Dublin, OH: OCLC Research. <https://doi.org/10.25333/BGFG-D241>
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- Clarke, M., & Ricci, L. (2021). *OA Books Supply Chain Mapping Report*. <https://doi.org/10.5281/ZENODO.4681725>



LEVER
PRESS

Lever Press OA Monograph Distribution & Discovery Workflow

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leverpress.org

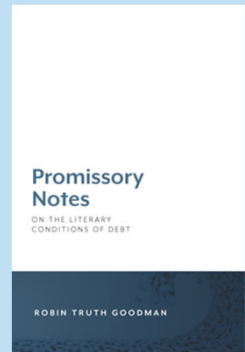
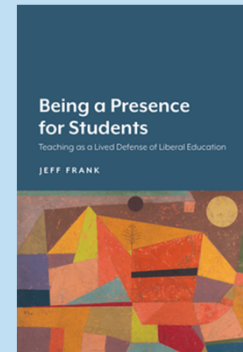
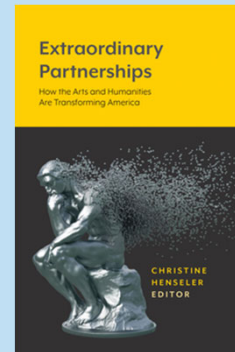
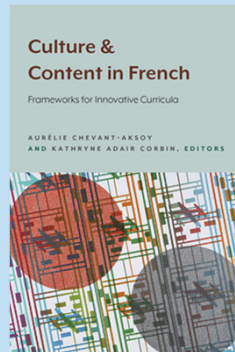
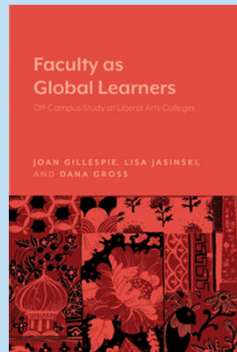
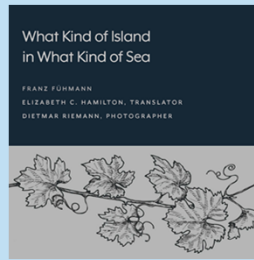
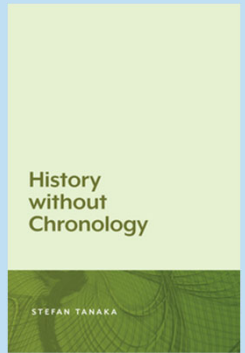
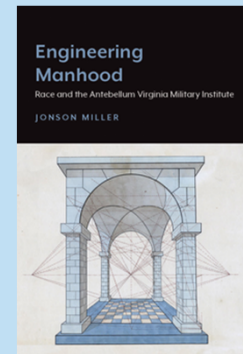
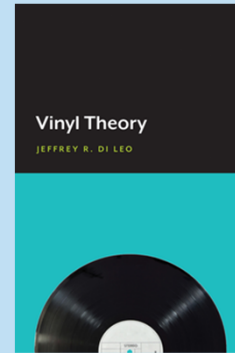
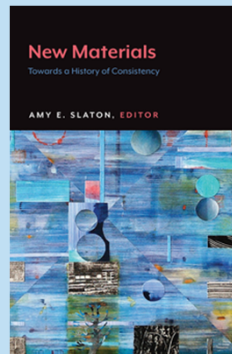
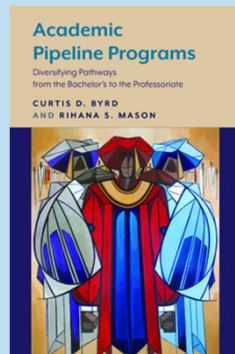
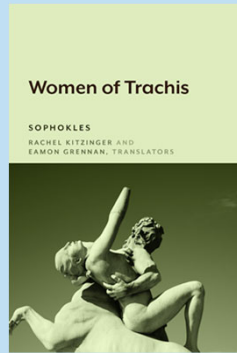
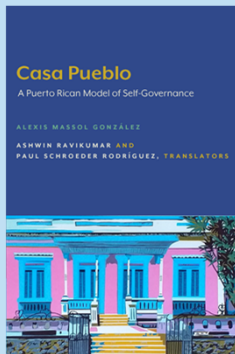
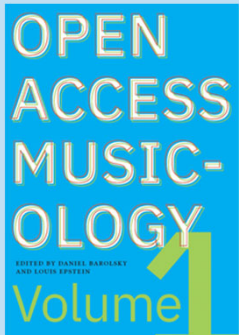
Terri Geitgey
Program Manager, Lever Press
Publishing Services Librarian, Michigan Publishing

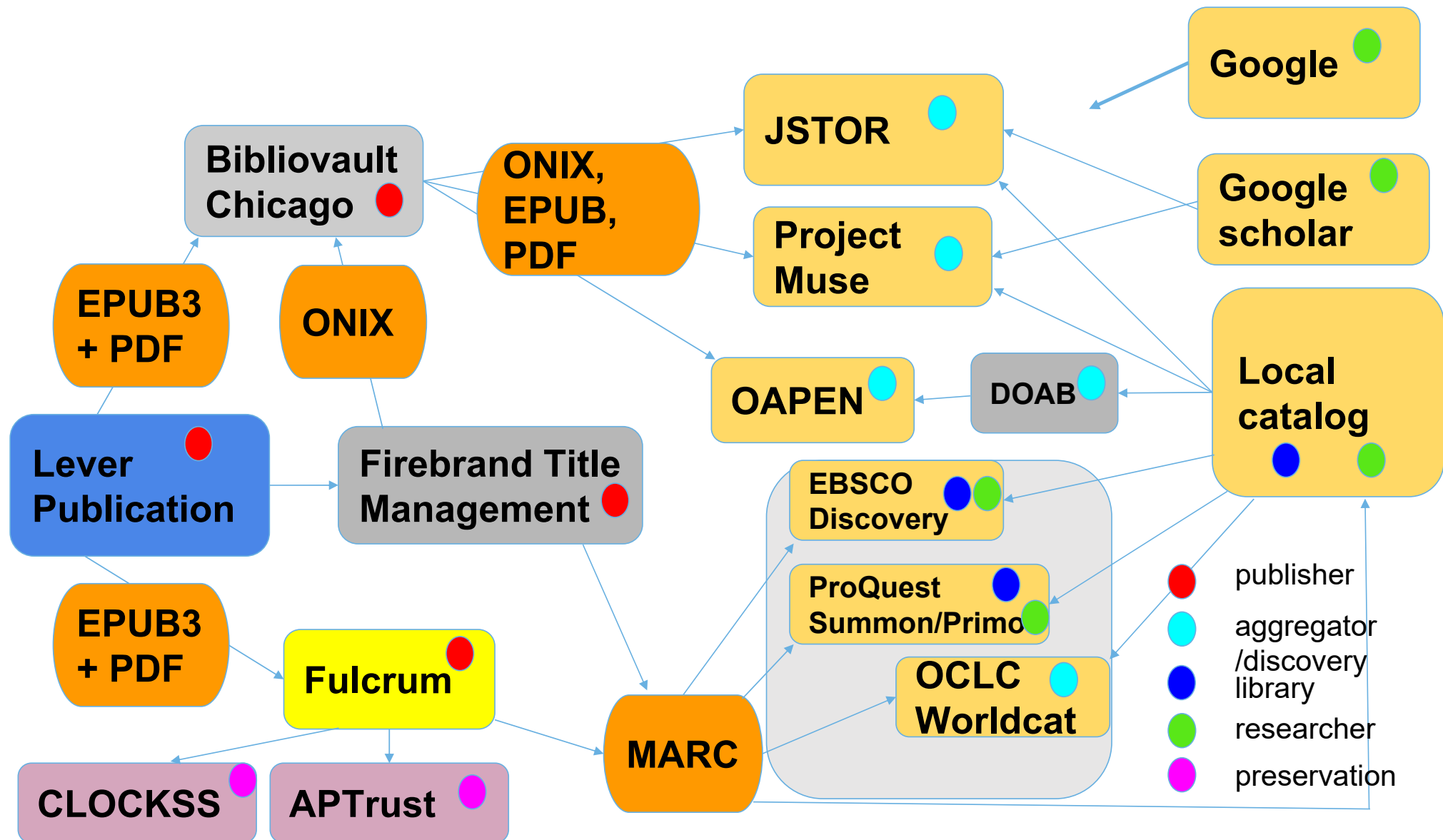
What Is Lever Press?

Open Access
Digital First
Peer Reviewed

INNOVATIVE SCHOLARLY PUBLISHING WITH NO FEES TO
AUTHORS, INSTITUTIONS, OR READERS

Lever's Current Titles





Components that help
increase discoverability

Fulcrum Platform

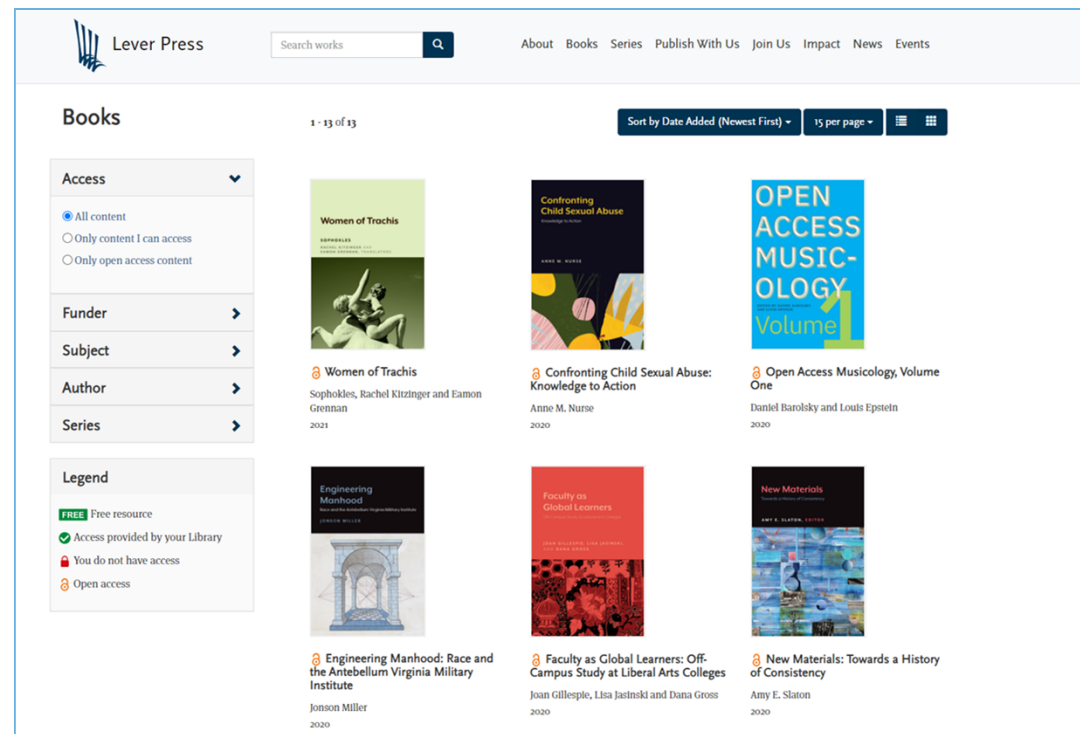
Open Source publishing platform based on Samvera Fedora infrastructure.

Initial development was supported by the Andrew W. Mellon Foundation.

Allows multimedia, data-rich, digital first publication of “book-like things.”

Integrated with open source tools for other types of publications such as Janeway (for journals), and indexed by Google Scholar as well as Google

Foregrounding core library values, especially the need to ensure accessibility and durability for complex digital objects.



<https://www.fulcrum.org/leverpress>

MARC Records

High-quality MARC records

Free download under CC0 license

Sent to EBSCO EDS, ProQuest Summon, and OCLC WDS

Persistent Identifiers

Crossref DOIs assigned at title level

OA ISBNs assigned to ebooks

ORCIDs if supplied (not required)

Metadata

Robust metadata records in local Title Management system

Metadata flows to CDC Title Management => BiblioVault

Firebrand's Eloquence feed distributes to sales channels

BV delivers to e-vendor platforms (e.g. JSTOR OA, MUSE Open, OAPEN/DOAB)

Lever title deliveries

- ✓ BiblioLabs (LYRASIS Biblioboard and Open Research Library)
 - ✓ Bookshare and RNIB Bookshare (for accessibility)
 - ✓ MUSE Open
 - ✓ JSTOR Open
 - ✓ OAPEN/DOAB
 - ✓ Dimensions (via ReadCube)
- Elsevier Scopus (data is sent, but doesn't appear on site)
- ✓ Clarivate Web of Science
 - ✓ Google Books

Challenges

Missing metadata

Technical glitches

Lack of awareness of vendor system behavior

What could help?

Documentation improvements, running error checks

Assign DOIs at the chapter level

Encourage use of ORCIDs and add RORs

Encourage authors to advocate for title inclusion in their RIMs



Three Leaky Silos

Open Access Monographs in
Research Information
Management Systems at Penn
State

Jeff Edmunds

Digital Access Coordinator

Penn State University Libraries

Research Information Management systems at Penn State

- **Watermark Faculty Success** (formerly Digital Measures, Activity Insight; P & T silo; manual entry by faculty; limited capacity for ingesting data from other local sources; ORCIDs only if faculty obtain and add them)
- **Pure** (Elsevier product; data from Scopus, Elsevier's abstract and citation database; grant information from Elsevier's funding database; faculty can add their own info and output)
- **Research Metadata Database**, RMD (locally created and maintained—receives data from Pure, Watermark Faculty Success, ETD, Penn State News, PSU Law, ScholarSphere, Web of Science, NSF, OA button, Unpaywall, and the PSU LDAP)

Open Access Monographs in RIM Systems

- Identified 11 OA monographs by Penn State authors published by university presses as part of the TOME project
- Searched for these titles in our 3 RIM systems
- **Watermark Faculty Success:** presumably, all 11 are there, because faculty have a vested interest in recording their own scholarship
- **Pure:** NONE of eleven are listed under their respective authors
- **Research Metadata Database:** only ONE of eleven is listed
- **BUT:** 3 of 4 OA monographs by Penn State authors w/Springer ARE listed in Pure

Patching Leaks: Initial Thoughts

- University presses need to be aware of the implications of their OA publications not showing up in RIM systems
- University presses should encourage authors to obtain ORCIDs or other PIDs
- University presses should assign DOIs at the chapter level in addition to the book level
- Authors should be encouraged to shepherd data about their OA publications through the various pipelines
- RIM vendors (e.g. Elsevier) should be lobbied to do more thorough job of ingesting citations for OA monographs
- Agreements with RIM vendors should include provisions for data protection

A Warning

- Just like the content itself, the metadata should be open too, and not something that can be monetized or misused by for-profit entities
- Current RIM data flows favor for-profit monopolies and Big Publishers (especially Elsevier)
- Sarah Lamdan's article re ICE: <https://www.inthelibrarywiththeleadpipe.org/2019/ice-surveillance/>

Data Privacy and Library Complicity

"Whether directly or indirectly, some of the companies that sell your library research services also sell surveillance data to law enforcement, including ICE (U.S. Immigration and Customs Enforcement). Companies like Thomson Reuters and RELX Group (formerly Reed Elsevier), are supplying billions of data points, bits of our personal information, updated in real time, to ICE's surveillance program. Our data is being collected by library vendors and sold to the police, including immigration enforcement officers, for millions of dollars." -- Sarah Lamdan, "Librarianship at the Crossroads of ICE Surveillance"

RECOMMENDATIONS

Recommendations

Publishers

- Adopt PIDs!
 - Encourage authors to obtain ORCIDs
 - Assign DOIs at the chapter level
 - Use other PIDs like RORs
- Examine your workflows to optimize OA publications appearing in library& RIM aggregations

Universities

- Encourage adoption of PIDs
- Include provisions for data ownership & protection in RIM license agreements

Authors

- Sign up for &link ORCID iDs to RIM systems

Content platforms

- Ingest more books and chapters
- Be ***transparent*** about how these are selected