



MOVING BEYOND CLOSED SILOS

LIBERATING WORKFLOWS BASED ON OPEN METADATA TO BRING
ABOUT AN INTEROPERABLE AND OPEN NOT-FOR-PROFIT
ECOSYSTEM FOR OPEN ACCESS BOOKS AND CHAPTERS

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Open Science & book publishing

Within the context of Open Science, book publishing has traditionally lagged behind in the adoption of open data and corresponding practices.





One reason ...



Journals



<JATS>
<TEI>

xml metadata

[oversimplification]



One reason ...



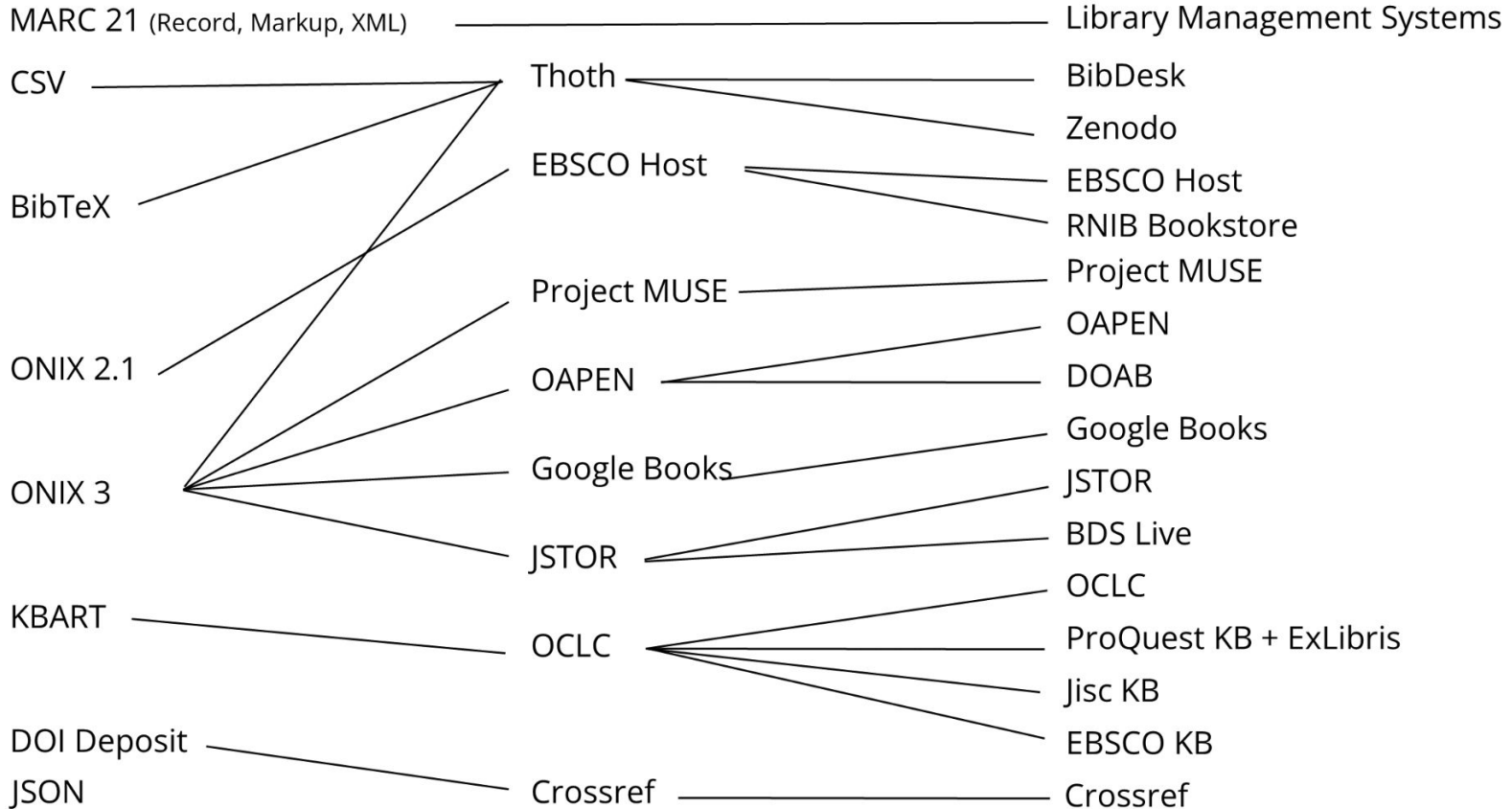
Books



Format

Specification

Platform



Existing issues / barriers in the book supply chain

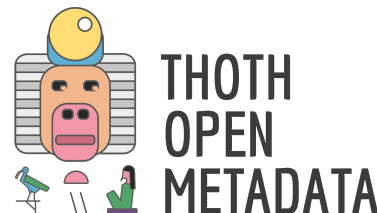
- 1 Commercial solutions are expensive / not tailored to OA books > metadata often managed in custom spreadsheets
- 2 Dissemination channels require a variety of output formats according to different specifications, ergo technical knowledge is often absent, leading to lower discoverability
- 3 'Leaky pipeline': book metadata running through intermediaries often gets truncated in the process
- 4 Established OA book metadata from commercial vendors often of low(er) quality & not openly licensed (see e.g. OCLC's WorldCat)

Source: Stone, G., Gatti, R., van Gerven Oei, V. W. J., Arias, J., Steiner, T., & Ferwerda, E. (2021). WP5 Scoping Report: Building an Open Dissemination System. *Copim*. <https://doi.org/10.21428/785a6451.939caeab>

Solution?

Not-for-profit infrastructures are now joining forces to collaboratively develop **open, community-led alternative workflows for publishers** to assist in the creation, distribution, discovery, archiving and financing of open access books.

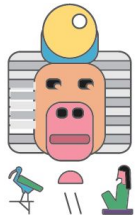
Members of:





Enabling Good Practice

JUST DOI IT.



THOTH
OPEN
METADATA

Enabling publishers to implement good metadata practice

- E.g. integration of multilingual chapter-level data, PIDs (e.g. ORCID, ROR, DOI), controlled vocabularies (e.g. Thema), references, PRISM peer review metadata, etc. ...
-  in line with Arbeitsgemeinschaft Universitätsverlage. (2021). *Quality Standards for Open Access Books*. <https://doi.org/10.5281/zenodo.4622135>
-  Enabling publishers to meet new requirements mandated by recent EU legislation (General Product Safety Regulation (GPSR), EU Deforestation Act, and Accessibility Act)



Metadata, standards and platforms for open access books: good metadata practice with Thoth. <https://doi.org/10.5281/zenodo.15048076>

Building Capacity

Thoth as the source for high-quality open metadata that flows across open infrastructures

Example: **Crossref Participation Report**

<https://www.crossref.org/members/prop/>

Richer metadata makes content useful. **Make sure your work can be found.**

Open Book Publishers

2,573
Total registered content items

Content type: Book chapters

Preprints 63 Books 158 Book chapters 2,352

Book chapters

Search by title

Current content

References

65%

Abstracts

85%

ORCID iDs

55%

Affiliations

79%

ROR IDs

78%

Crossmark enabled

100%

Text mining URLs

100%

License URLs

100%

Similarity Check URLs

100%

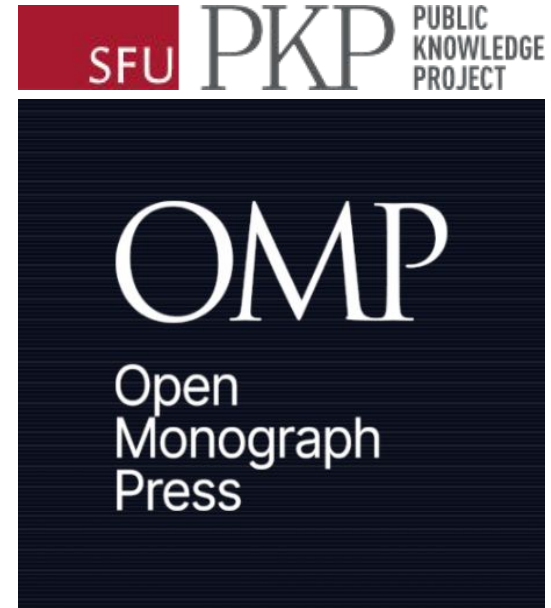


Public Knowledge Project: Open Monograph Press 01

From the outset, PKP has been building publishing platforms, including OJS, OMP, and OPS, using free and open source software (FOSS) principles and licensing.

Relevance for books:

The sibling to the popular OJS system, Open Monograph Press (OMP) is a full, end-to-end solution for publishing books. We estimate that there are 230 presses using OMP and that they have published over 10,000 books.



 <https://pkp.sfu.ca/software/omp/>

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Open Monograph Press

01

EVERYTHING A BOOK PUBLISHER NEEDS



 <https://pkp.sfu.ca/software/omp/>

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Formación

9 / **Autor** / Título de nuestro envío de prueba

Monografía Registro de actividad

Flujo de trabajo Marketing Publicación

Envío Revisión interna Revisión externa Editorial Producción



Thank you.

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- ★ Joe Deville (Open Book Collective)
- ★ Rupert Gatti (Thoth Open Metadata)

Like what we do? Here is how you can help!

- 1 Support our initiatives via  **OpenBook Collective**
- 2 Adopt **open practices** to make open access books more present in your institution
- 3 Integrate fully **open metadata streams** within your library context
- 4 Engage with us to establish **open and transparent ways of archiving OA books**
- 5 And generally, **join us!** Because there's ..



Não há **acesso aberto**
sem **infraestrutura aberta**.

Kein **Open Access**
ohne **Offene Infrastrukturen**.

No **open access**
Without **open infrastructure**.

Pas d'**Access Libre**
Sans **Infrastructures Ouvertes**.

No hay **acceso abierto**
sin **infraestructura abierta**.