

Open Infrastructure for Open Access book publishing

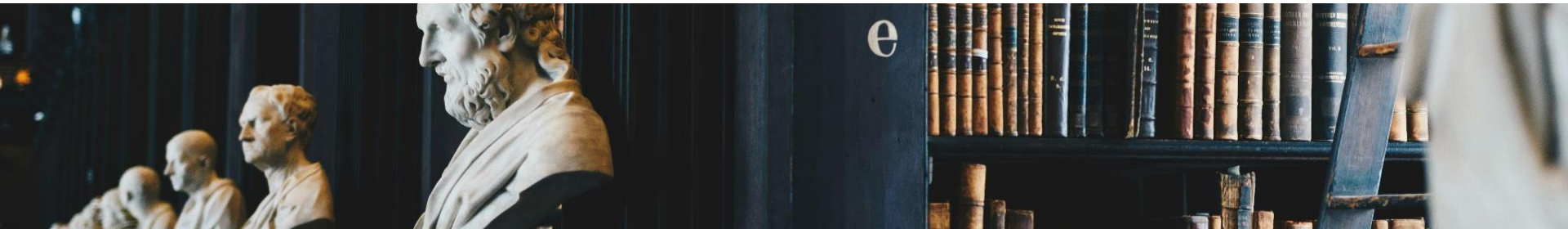


Cape Town, Dec 10, 2024



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.



OA Books: Discovery and dissemination

Just publishing a title OA and putting it on a publisher website / university repository is not going to maximise engagement with the work.

But the ebook supply and distribution channels differ significantly from journal/articles,

and they are not well equipped to handle OA content

Existing issues / barriers in the book supply chain

1 Commercial solutions are expensive / not tailored to OA books / users “locked in” to commercial solutions.

2 Dissemination channels require different output formats according to different specifications – requires expertise and resources by publishers

3 ‘Leaky pipeline’: metadata running through intermediaries often gets truncated

4 Established OA book metadata not openly licensed (see e.g. OCLC)

5 Difficult to measure usage for OA titles

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, discovery, distribution, archiving and financing of open access books.

Members of:

OPERAS
open scholarly communication in the european
research area for social sciences and humanities

copim



THOTH
Open Metadata.



What we do

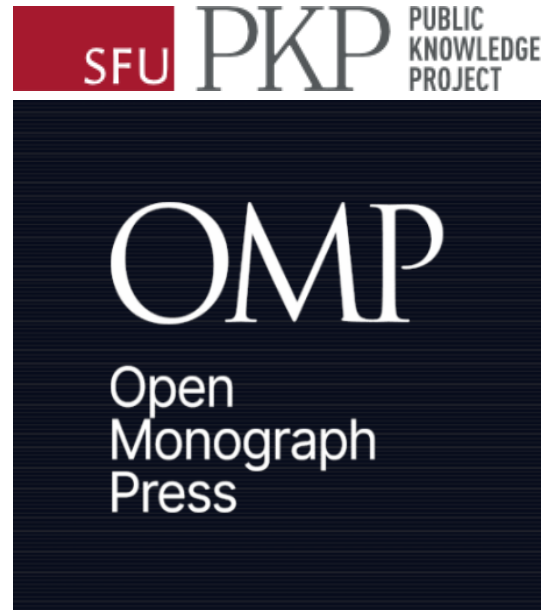
Public Knowledge Project: Open Monograph Press

O1

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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Directory of Open Access Books (DOAB)

02

DOAB is a community-driven, global discovery service that indexes and provides access to scholarly, peer-reviewed open access books and helps users to find trusted open access book publishers. All metadata available CC0.

Relevance for books:

Next to providing a major directory of over 88k OA books, DOAB also enables the documentation of peer review processes via its PRISM service.



 <https://www.doabooks.org/>

Contact: Niels Stern,
Co-director,
stern@oopen.org

OAPEN Foundation

03

OAPEN promotes and supports the transition to open access for academic books by providing open infrastructure services to stakeholders in scholarly communication.

Relevance for books:

The OAPEN Library (est. 2010) is an online library of more than 37k peer-reviewed open access books and OAPEN provides the Book Analytics Service together with COKI.



 <https://www.oapen.org/>

Contact: Niels Stern,
Managing Director,
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Thoth Open Metadata

04

Thoth is a non-profit, open metadata management and dissemination platform, enabling small OA publishers to fully access the complex array of book distribution systems.

Relevance for books:

- Allows publishers to create and export high-quality open (CC 0) metadata for books and chapters in various industry standards (incl. MARC & ONIX).
- Provides open API for easy integration with other platforms, and provides white-label open source website/catalogue software & hosting solutions.
- Offers automated distribution workflows to a range of platforms



 <https://thoth.pub>

Contact: Rupert Gatti
rupert@openbookpublishers.com

Open Book Collective

05

The OBC is a one-stop platform bringing together publishers, infrastructure providers and scholarly libraries to collectively provide a sustainable, diverse and open system for OA book production and dissemination.

Relevance for books:

The OBC provides a trusted and efficient mechanism to enable collective library (non-BPC) funding to support smaller OA book publishers and infrastructures.



<https://openbookcollective.org>

Contact: Kevin Sanders
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How we connect



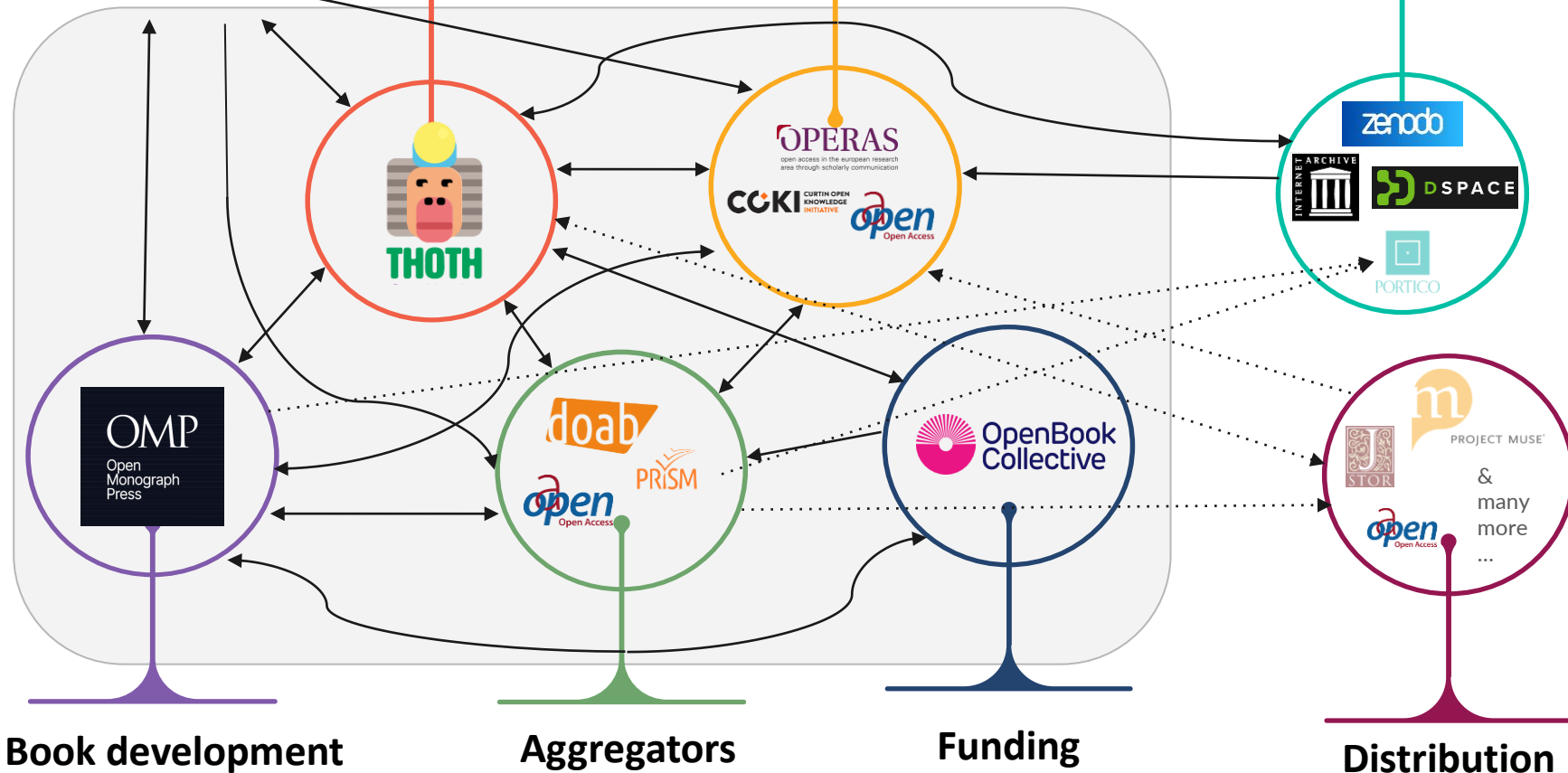
Linked data, PIDs



**Metadata
management**

Usage data

Archiving



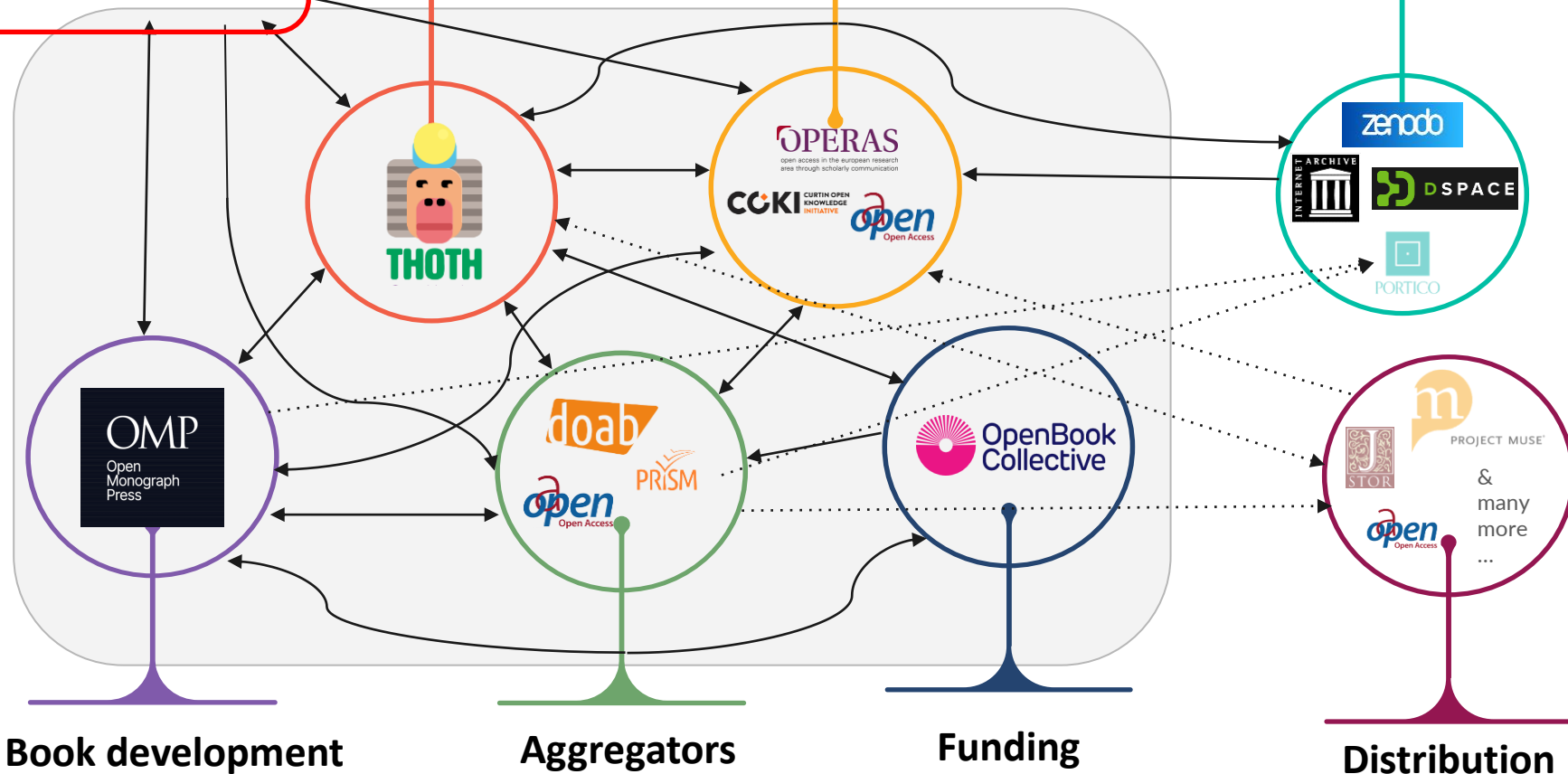
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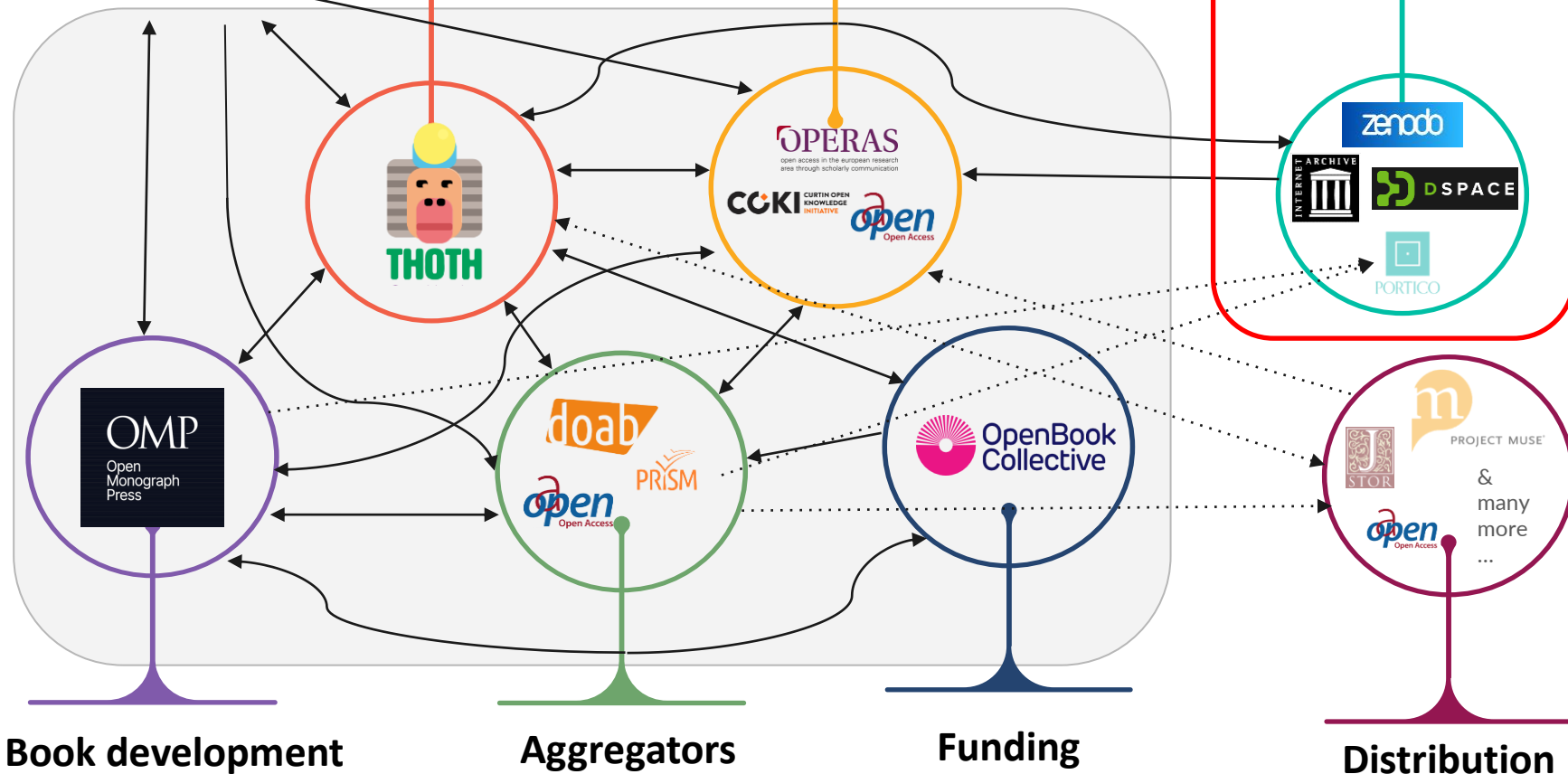
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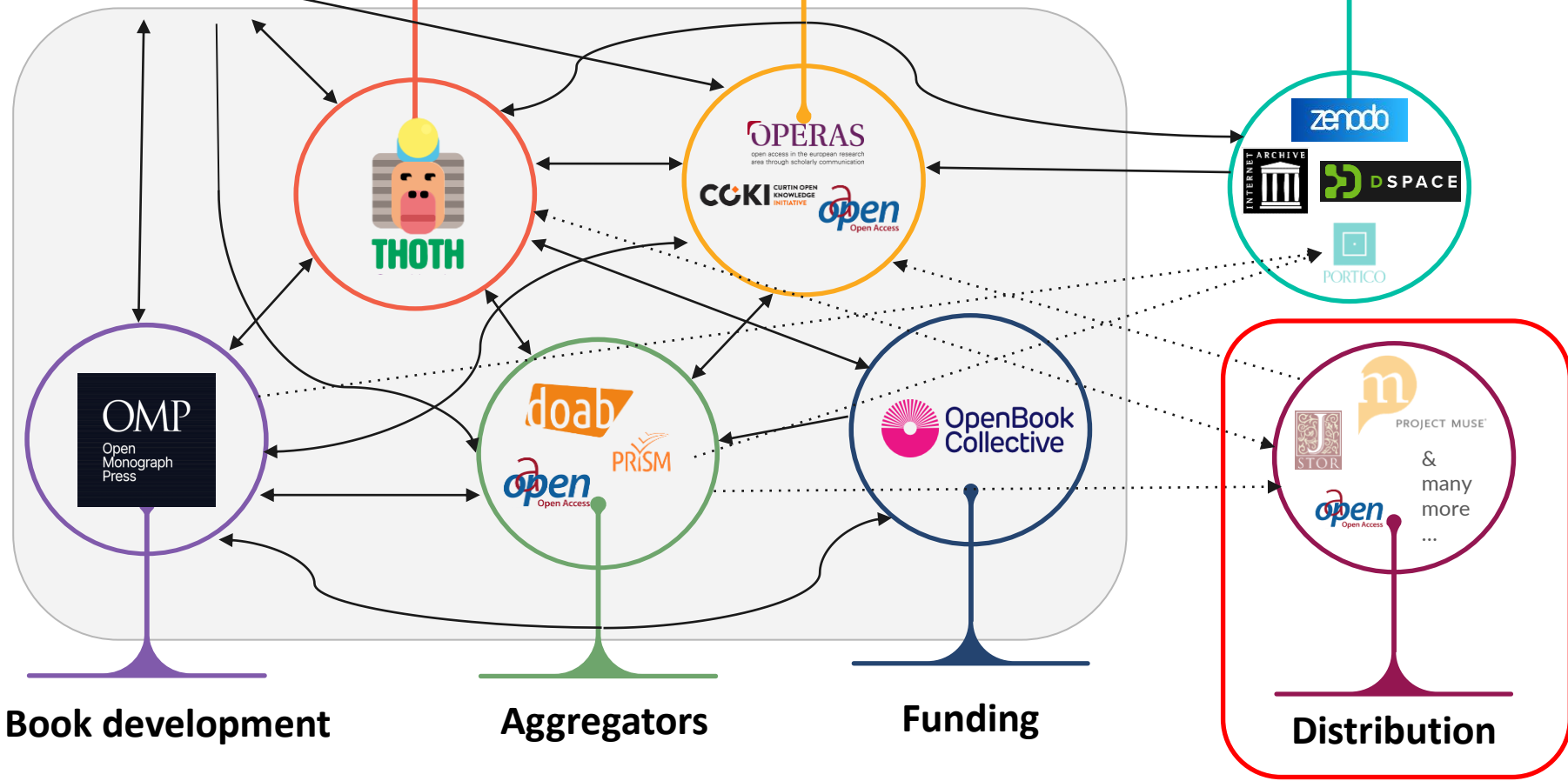
Linked data, PIDs



Metadata management

Usage data

Archiving



Why open metadata?

Metadata provide the “hooks” for different systems/solutions to interconnect and interact

for this reason it is important that the metadata is
open,
permanent, and
uses established vocabularies

Even more important for OA books – which are distributed without publisher controls

Why open infrastructures?

Open infrastructures have open APIs and are opensource, this means:

- they can be accessed freely

- new services can be developed that connect to the existing infrastructure without 'permission' from infrastructure provider – avoiding provider “capture”

- they enable innovation and inclusivity

- they allow connections with other (and emerging) infrastructures
eg SciELO Books, African Platform for Open Scholarship

How can we interoperate with you?

A question for:

publishers

libraries

infrastructures

research institutions

funders

Answers please: throughout the workshop,
after the workshop
to any of us, at any time

Thank you.

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tiny.cc/copim-linktree