



From OMP to DOAB, via Thoth

Open Collaboration to Amplify Slovenian OA Books

Workshop organised by the OPERAS Open Infrastructures for OA Books WG

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Toby Steiner (Thoth Open Metadata), Anna Wałek (OAPEN)

Starting point: Slovenian OPERAS node

1. [ZRC SAZU](#): 1050 monographs; includes metadata for other formats of the book in its individual publications; no ISBN to PDFs of older books
2. [University of Maribor](#): 1070 monographs; includes publications that are not (yet) freely accessible as e-books. It also includes Thema codes and links to the COBISS library catalog, as well as metadata for printed books
3. [University of Ljubljana](#): 826 monographs; metadata for e-books within OMP (and links to sales pages for printed books, but with no metadata for printed editions)

All institutions are using PKP's Open Monographs Press (OMP) to host books.

They are NOT using OMP for submissions process.

Questions for participants

Visit menti.com and enter code

1592 2081



International Metadata Recommendations for OA Books & Chapters

- ★ **Review** of policy recommendations and **overview** of international platforms' requirements.
- ★ **Proposition** of a two-tiered framework of essential and desirable metadata for OA books & chapters.

For Publishers

Offers a well-defined way to prioritise metadata work and retain full control over their data and operations.

For Libraries

Provides a clearer basis for understanding good metadata while highlighting commercial supply chain issues.

For Funders & Policymakers

Outlines the need for community-led approaches and prerequisites for monitoring and evaluation.



Read the report

Steiner, T., Arias, J., Bennett, M., Booth, E., Edmunds, J., Gatti, R., Higman, R., Hillen, H., Laakso, M., Nason, M., O'Connell, B., Pogačnik, A., Rabar, U., Ramalho, A., Stone, G., van Gerven Oei, V. W. J., & Wake Hyde, Z. (2026). *International Metadata Recommendations, and Platform-Specific Requirements for Open Access Books and Chapters* (1.0). Thoth Open Metadata. <https://doi.org/10.5281/zenodo.18173982>

Book metadata across platforms: Key Findings

1 Metadata **openness** and **interoperability** are critical for inclusion of books in research assessment, policy development, and equitable dissemination.

3 **Fragmentation** (ONIX, MARC, KBART) across different standards and variations thereof throughout the supply chain impedes findability and reuse of open access books.

2 Emergence of recent **legal and accessibility frameworks** necessitate the provision of **richer metadata** (e.g., funder data, licensing) through degradation-free supply chains.

4 Policy and technical maturity for OA books has **traditionally lagged behind journals** due to the highly fragmented book supply chain.

Source: International Metadata Recommendations, and Platform-Specific Requirements for Open Access Books and Chapters (1.0).
Thoth Open Metadata. <https://doi.org/10.5281/zenodo.18173982>

Recommendation: Two-Tiered Metadata Framework

1. Essential Metadata

Key bibliographic and access data:

Title/subtitle, contributors, copyright holders, subjects, landing pages, DOIs (book & chapter), licence, publisher, and date.

Public Domain Release:

Making metadata explicit (e.g. CC0) to facilitate re-use across libraries, aligned with the [Barcelona Declaration](#).

2. Desirable Metadata

Enhanced identification and richness:

- Fuller set of PIDs (ORCID, ROR)
- Broader controlled vocabularies
- Multilingual metadata & abstracts
- Cover images & Tables of Contents
- Funder details

Source: *International Metadata Recommendations, and Platform-Specific Requirements for Open Access Books and Chapters* (1.0). Thoth Open Metadata. <https://doi.org/10.5281/zenodo.18173982>

Essential and Desirable Metadata for OA Books & Chapters: details

Tier 1: Essential Metadata

- **Title & Subtitle** (Free text)
- **Work Type & Status** (Controlled vocab)
- **Contributors** (Name, Role, Sequence, PID)
- **Publisher & Imprint** (Free text/ROR)
- **Licence** (URL, to e.g. Creative Commons deed)
- **Subjects** (e.g. BIC/BISAC/Thema, keywords)
- **Location URLs** (Landing page, Full-text)
- **Publication Date & Format** (PDF, epub, etc.)
- **Publication identifiers:** ISBN, ISSN
- **Metadata record license:** (public domain)

Tier 2: Desirable Metadata

- **Abstracts & TOC** (Free text/JATS XML)
- **Cover Images** (Link to live URL)
- **Persistent IDs** (ORCID, ROR, FundRef)
- **Add'l locations** (URLs from various platforms)
- **Multilingual Support** (Translated fields)
- **Funding Information** (Grant IDs)
- **Metadata Versioning** (Update records)
- **Peer Review Status** (Controlled vocab)
- **References** (DOIs or standardised citations)

Source: Overview of International Aggregators' Metadata Requirements for Books. Part of: *International Metadata Recommendations, and Platform-Specific Requirements for Open Access Books and Chapters* (1.0). Thoth Open Metadata. <https://doi.org/10.5281/zenodo.18173982>

A closer look at requirements in the OAPEN and the Directory of Open Access Books

Tier 1: Essential Metadata

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- **Work Type & Status** (Controlled vocab)
- **Contributors** (Name, Role, Sequence, PID)
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- **Location URLs** (Landing page, Full-text)
- **Publication Date & Place & Format**
- **Publication identifiers:** ISBN, ISSN
- **Metadata record license:** (public domain)

Tier 2: Desirable Metadata

- **Abstracts & TOC** (Free text/JATS XML)
- **Cover Images** (Link to live URL)
- **Persistent IDs** (ORCID, ROR, FundRef)
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Source: Overview of International Aggregators' Metadata Requirements for Books. Part of: *International Metadata Recommendations, and Platform-Specific Requirements for Open Access Books and Chapters* (1.0). Thoth Open Metadata. <https://doi.org/10.5281/zenodo.18173982>

The minimal requirements for the OAPEN and DOAB

Required Metadata

- **Title & Subtitle** (Free text)
- **Work Type** (Controlled vocab)
- **Contributors** (Name, Role, Sequence, PID)
- **Publisher** (Free text/ROR)
- **Licence** (URL, to e.g. Creative Commons deed)
- **Subjects** (e.g. Thema, keywords)
- **Location URLs** (Landing page, Full-text)
- **Publication Year & Place**
- **Publication identifiers**: ISBN
- **Abstract & Languages**
- **Page range** for chapters

Not Required Metadata

- **DOI & Other ISBNs**
- **Imprint**
- **Series title, number & ISSN**
- **Number of Pages**
- **Embargo date**
- **Cover URL**
- **Funder information** (ROR, name, grant doi etc.)
- **Oapen collection**

OAPEN and the Directory of Open Access Books: Delivery of metadata



Membership



Usage Data



Quality Assurance



Templates & Samples

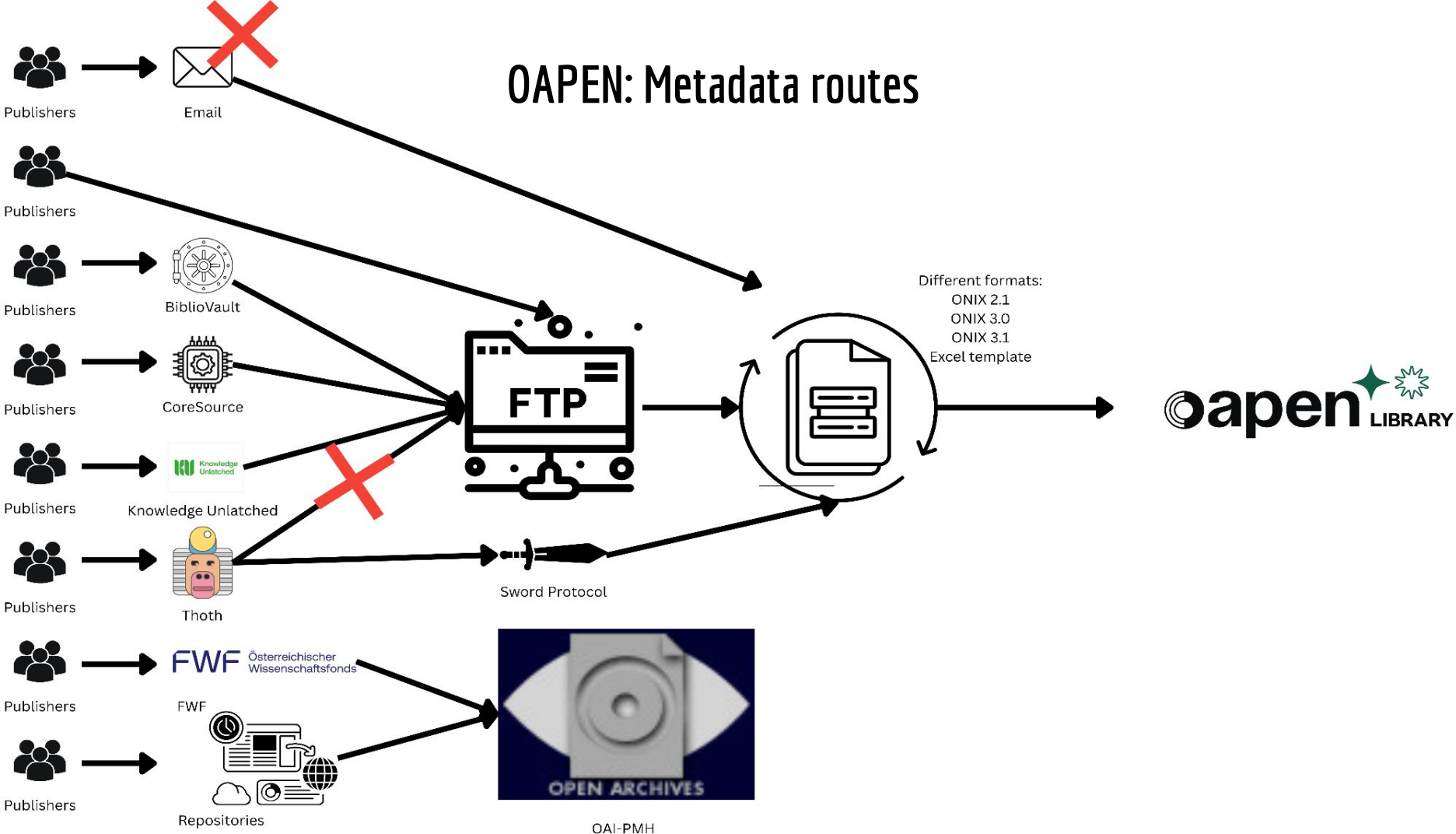


Uploading routes

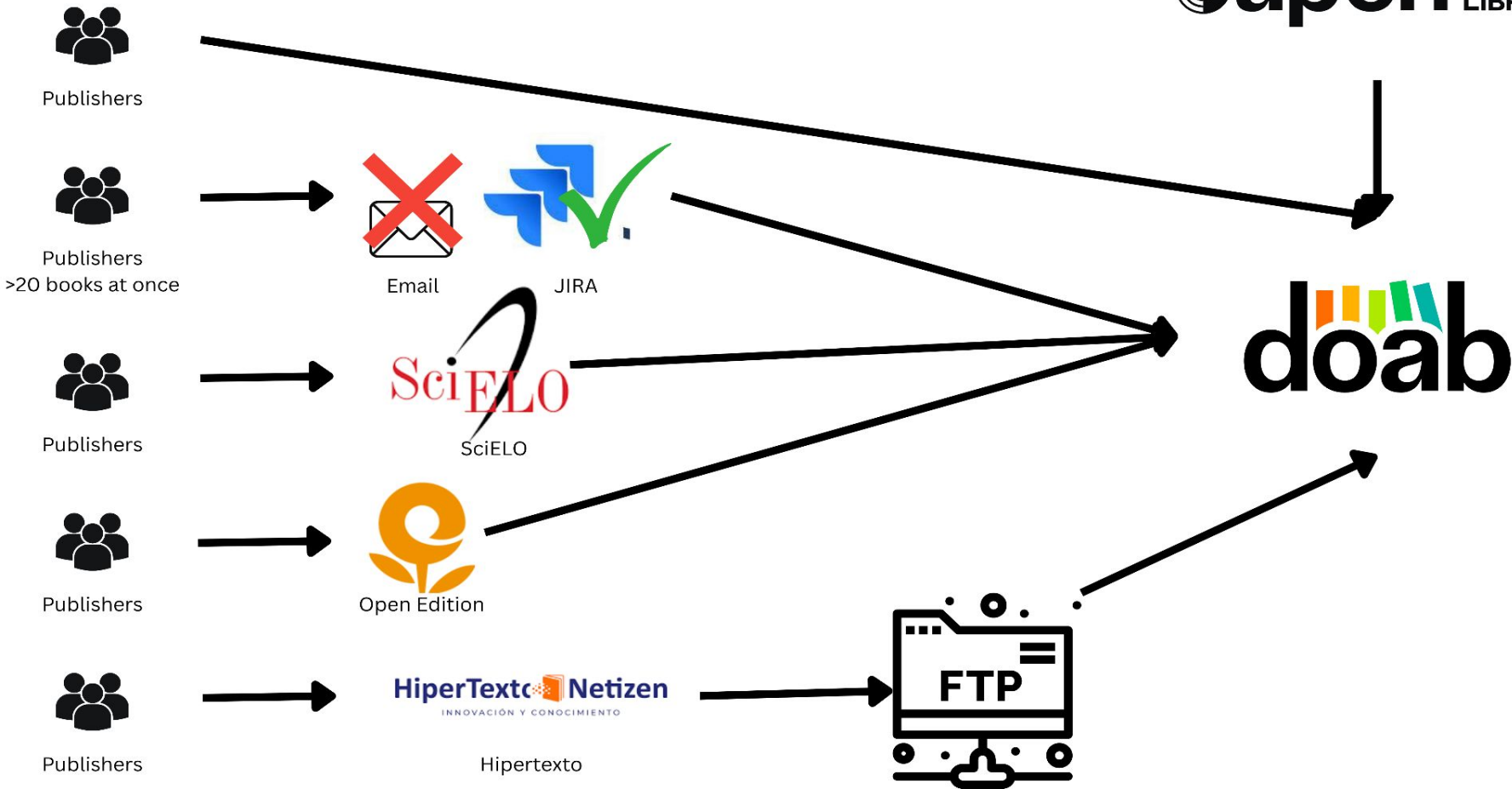


Uploading Books & Chapters

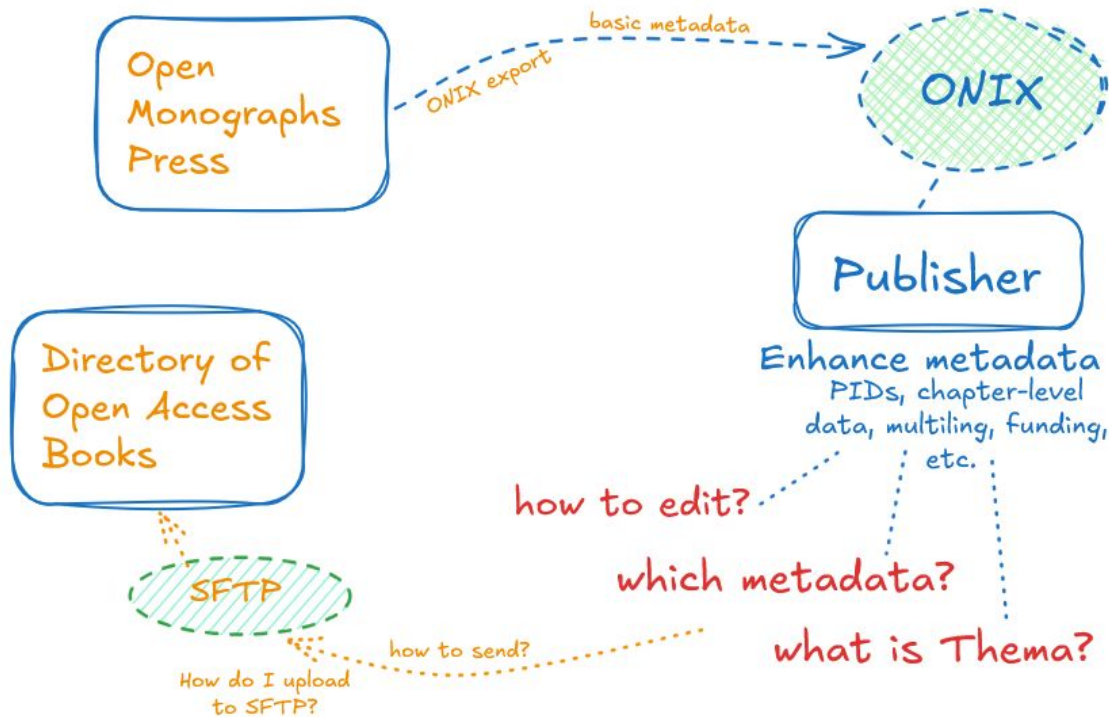
OAPEN: Metadata routes



Directory of Open Access Books: Metadata routes



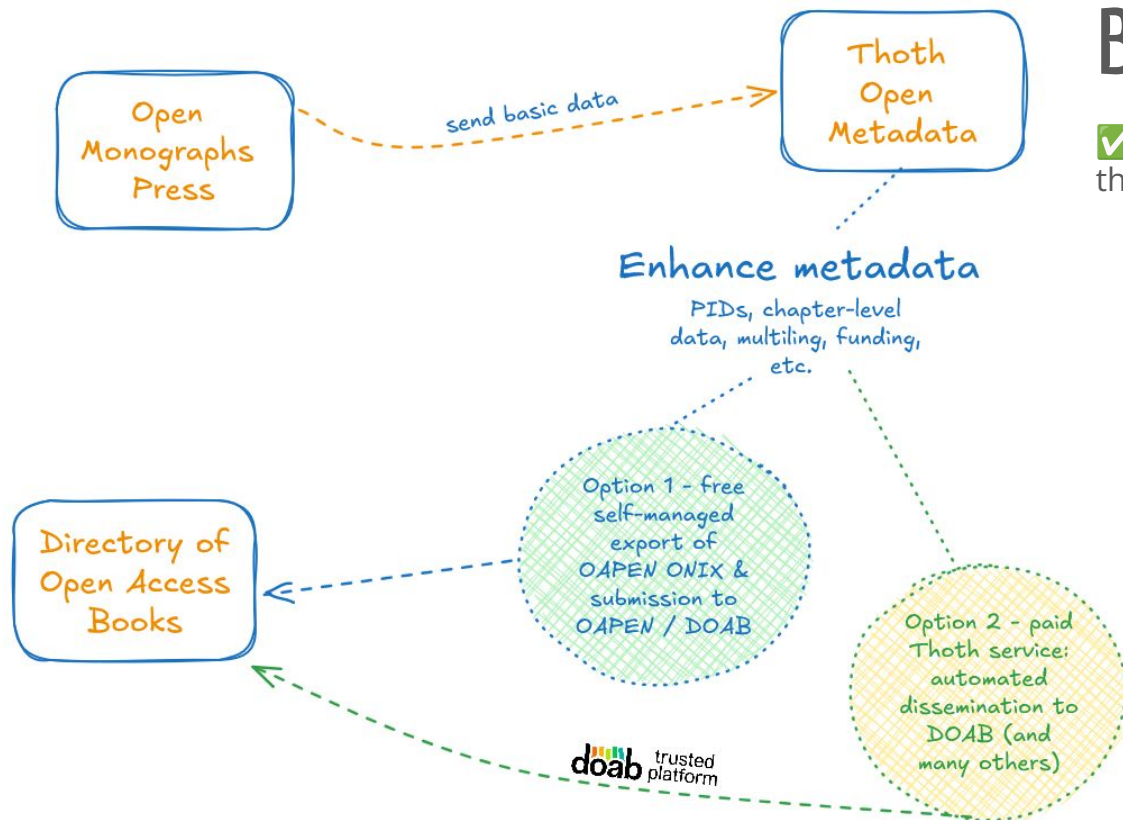
From OMP ... to DOAB: The publisher perspective



Open Questions

- ? How are additional metadata fields handled that will be needed for submission to DOAB? (e.g. lack of Thema support in OMP)
- ? Bulk submission of tens or hundreds of titles
- ? Updates to existing entries
- ? Meeting legal requirements: metadata related to Accessibility, Product Safety, etc.

From OMP ... to DOAB: via the OMP-Thoth plugin



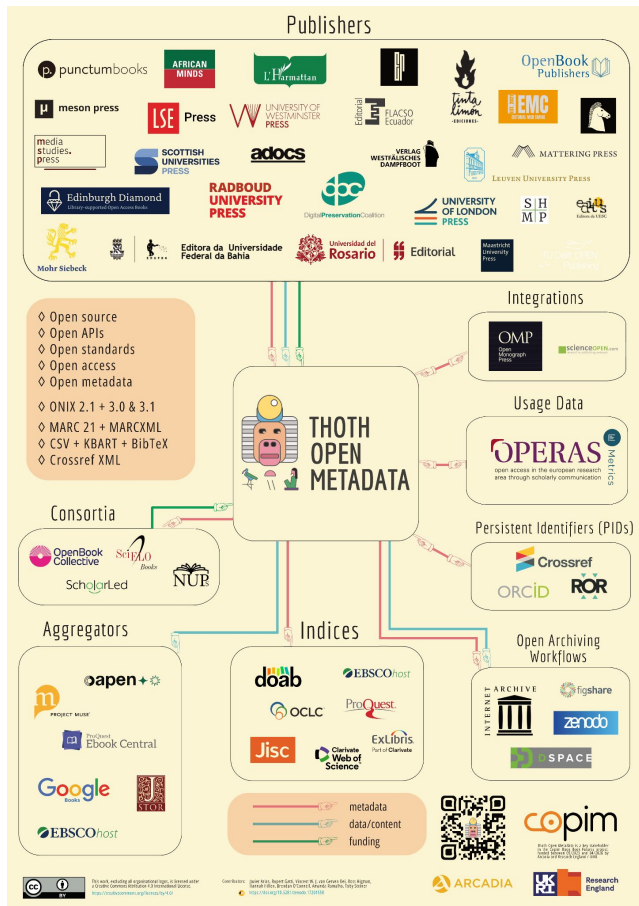
Benefits

✓ **Two options:** Publishers can choose to use the Thoth platform to

a) **Thoth Oasis (free!):** self-managed, enhance data, export to OAPEN-compliant ONIX, then submit to OAPEN

b) **Thoth Obelisk (paid):** benefit from collaboration agreement between Thoth & OAPEN: Waiver of membership and registration fees at OAPEN, automated submission & update workflow.

From OMP ... to DOAB: Scenario - OMP-Thoth plugin

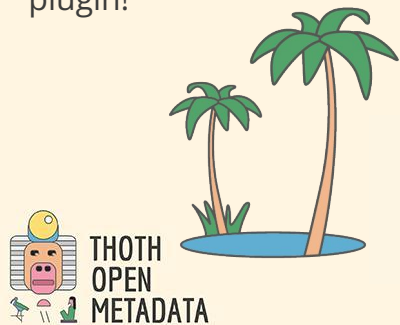


Benefits

- ✓ Easy bulk transfer of titles (via API & SWORD).
- ✓ Useful for OAPEN & DOAB registration – but also far more than that ...
- ✓ **Free & open** one-stop self-service platform for all your metadata needs, for all books (also e.g. textbooks, reports, proceedings, etc.):
 - Own and control your metadata!
 - Fully open CC0 metadata
 - Generate ONIX, MARC, Crossref XML, etc. on-the-go
 - Tried & tested with multiple aggregators
 - Establish good metadata practice
 - Optional: Solutions available to host, disseminate, archive metadata & content on behalf of publishers. Also: Open Usage Statistics dashboard.

Oasis

- Our **free** self-service platform
- Manage and export metadata in multiple open formats (ONIX, JSON, MARC, KBART, Crossref XML)
- Use with OMP-Thoth plugin!



Obelisk

- Everything in Thoth Oasis
- Crossref & OAPEN membership
- Automated DOI deposit
- Automated distribution and archiving
- File hosting on superfast CDN



Sphinx

- Everything in Thoth Obelisk
- Dedicated publisher usage metrics dashboard
- Usage metrics book widgets



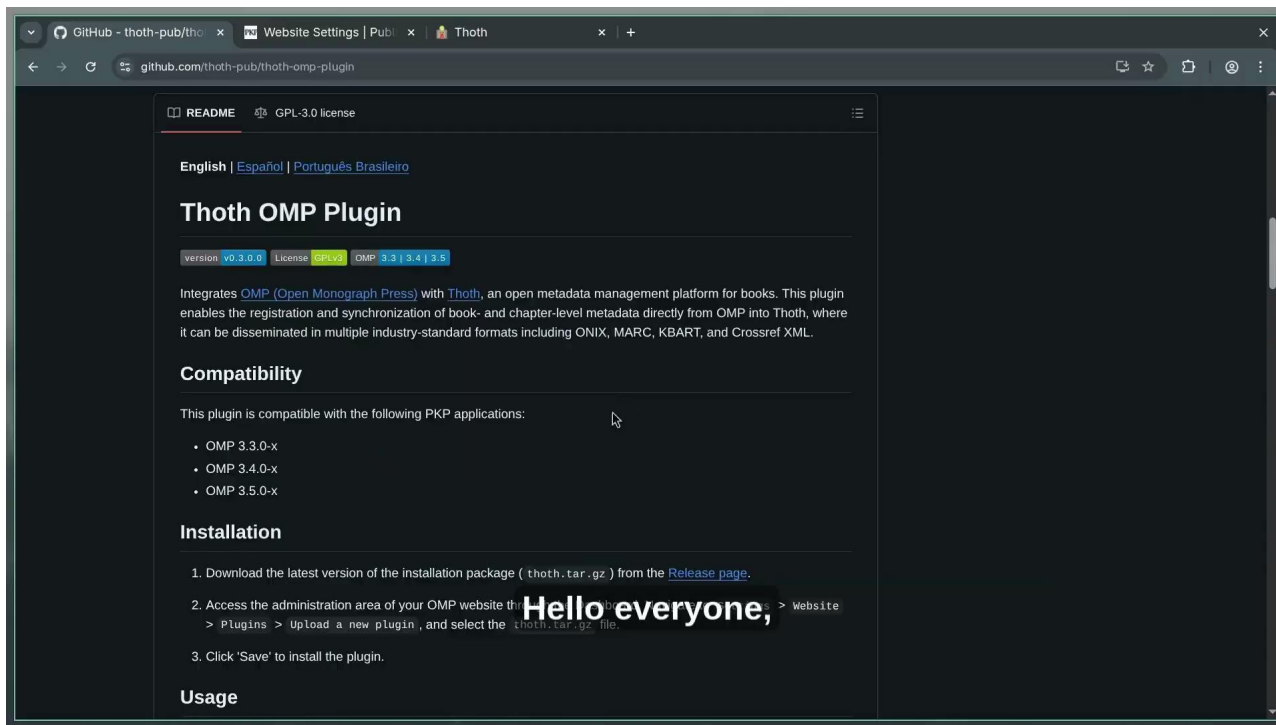
Pyramid

- Everything in Thoth Sphinx
- Website and catalogue hosting on superfast CDN
- Customizable front-end




OMP-Thoth plugin: metadata mapping and inner workings

Metadata mapping: [OMP plugin for integration with Thoth · Mapping OMP - Thoth](#)



Video also available on Youtube: <https://youtu.be/nhaz7bTjfq4?si=xn10InpcYHdIdEs-&t=9601>

OMP-Thoth plugin: metadata enhancement within Thoth



THOTH
OPEN
METADATA

Open Book Publishers ▾

+ Add Publisher

Dashboard

Books

Series

Sets

Publisher

Toby Steiner
toby@thoth.pub

↩

DASHBOARD


+ New

CATALOGUE SUMMARY

474 Active

45 Forthcoming


11 Other




PUBLISHED

Last 12 Months: 60 ▲

Previous 12 Months: 73



RECENTLY UPDATED




MICROSCOPIC LIFE IN EARLY-T...

Liliane Campos

Edited Book

Forthcoming




NICARAGUA AZUL

Fabio Buitrago

Monograph

Forthcoming



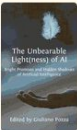
EMBEDDED PEDAGOGIES

Brandon Walsh

Monograph

Forthcoming

RECENTLY PUBLISHED




THE UNBEARABLE LIGHT(NESS)...

Giuliano Pozza

Edited Book

Active




A MULTIPOLAR APPROACH TO ...

Phillip W. Stokes

Monograph

Active



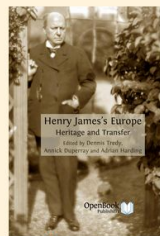
COLOUR MATTERS

Stefano Evangelista

Edited Book

Active

Result: High-quality re-usable book- and chapter-level records



EXPORT
METADATA

OPEN BOOK

HENRY

Dennis

METADATA

Title

Subtitle

Contributor

DOI

Language

Licence

Collection

Publication

Publication

Publication

ISBN

Short

Long

Sh

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EXPORT
METADATA

METADATA

Title Henry James's Europe

Subtitle Heritage and Transfer

Contributor Dennis Tredy (editor)

Annick Duperray (editor)

Adrian Harding (editor)

DOI <https://doi.org/10.11647/OBP.0013>

Landing page <https://www.openbookpublishing.com/books/10.11647/obp.0013>

Raw

EXPORT METADATA

ONIX 3.1 ONIX 3.0 ONIX 2.1 CSV JSON KBART BibTeX DOIdeposit MARC 21

Thoth ONIX 3.0



Project MUSE ONIX 3.0



OAPEN ONIX 3.0



JSTOR ONIX 3.0



Google Books ONIX 3.0



OverDrive ONIX 3.0



Short abstract

978-1-80064-440-3 (HTML)

As an American author who chose to live in Europe, Henry James frequently wrote about cultural differences between the Old and New Worlds. The plight of bewildered Americans adrift on a sea of European sophistication became a regular theme in his fiction. Written by some of the world's leading James scholars, this collection offers a comprehensive picture of James's cross-cultural aesthetics. Building upon detailed analyses of his perception of Europe – of its people and places, its history and culture, its artists and thinkers, its aesthetics and ethics – it offers a profound re-evaluation of James's writing.

Long abstract

As an American author who chose to live in Europe, Henry James frequently wrote about cultural differences between the Old and New World. The plight of bewildered Americans adrift on a sea of European sophistication became a regular theme in his fiction.

This collection of twenty-four papers from some of the world's leading James scholars offers a

Sample:

<https://thoth.pub/books/9d5ac1c6-a763-49b4-98b2-355d888169be>

Implementing good metadata practice: real-life impact

Participation Reports | Crossref

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

Participation Reports



Open Book Publishers

2,453

Total registered records

Richer metadata makes research usable.

Make sure your work can be found.

DOWNLOAD GAP REPORT

Select date

Current records



Book Chapters: 2,192

Books: 150

Journal Articles: 64

Preprints: 47

References



Affiliations



Funding award numbers



License URLs



Abstracts



ROR IDs



Crossmark enabled



Similarity Check URLs



ORCID iDs



Funder Registry IDs



Text-mining URLs



Next steps

1. Slovenian publishers are working to get their titles into Thoth via the [OMP-Thoth plugin](#).
2. Improvement of metadata takes place within the platform. This includes
 - a. **Data quality checks:** add Thema subject classifications where missing
 - b. Consider wider PID adoption – ORCID and ROR for contributor affiliation data, funders
 - c. Consider adding References to title metadata (relevant for e.g. Crossref deposits)
 - d. Consider expanding metadata towards multilingual entries
3. Register titles in DOAB - either via self-service, or Thoth SWORD workflow
4. Consider other applications, e.g.
 - a. Automated DOI registration
 - b. Dissemination of high-quality metadata to other platforms (e.g. WorldCat, other KBs)
 - c. Automated Archiving
 - d. Usage Statistics across platform

Workshopping

Questions for participants

- Metadata fields - are you able to cover all of these within your systems?
- Workflows - how are people handling DOI registration, dissemination, archiving, etc
- Libraries: what are your needs with regards to metadata & dissemination
 - Any data fields missing that would be useful
 - Types of books (monograph, textbook, etc.) & formats (PDF, ePUB, HTML, etc.)

Workshopping

Questions for participants

→ [OPERAS workshop - metadata exercise](#)

Conclusion

A question put to AI:

“We use OMP to disseminate open-access monographs: which other (open) publishing systems or metadata distribution systems would you recommend, in comparison?”

→ [monograph platforms decision matrix](#)

Thank you!

This workshop was organised by the [Open Infrastructures for OA Books Working Group](#), part of the OA Books SIG.

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- Anna Wałek (OAPEN), <https://orcid.org/0000-0001-8782-013X>