

# OAPEN Library – MEMO Demo

## Metadata Export Module for Open access books

Danny Kingsley, Ambassador for OAPEN & DOAB

CAUL Procurement Vendor showcase, Wednesday 7 August

# Agenda

- Brief intro to OAPEN & DOAB
- Why, who, how?
- What is MEMO?
- How does it work?
- How does it look?
- Examples:
  - Comics Grid
  - SCELIC
- Conclusion

# MEMO to shelf



# OAPEN Library: A global public library

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

Launched in 2010

Hosting, distribution, preservation

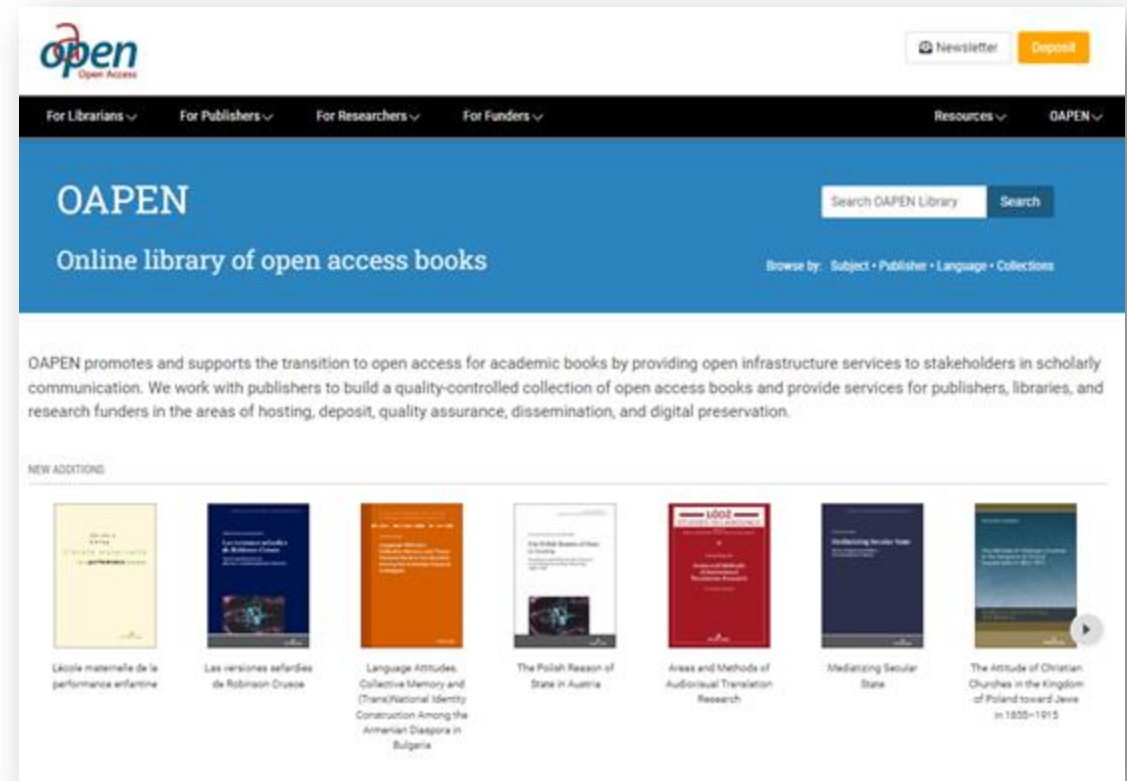
35,000+ peer-reviewed OA books (full text)

425+ publishers, 75+ languages

Built on open source DSpace 6.0 platform

Preservation in Portico and CLOCKSS

1,600,000+ monthly COUNTER downloads



<https://open.org>

# Directory of Open Access Books (DOAB)

A community-driven discovery service, providing access to scholarly, peer-reviewed OA books, helping users find trusted OA book publishers

Launched in 2013

86,000+ peer-reviewed OA books and chapters

725+ publishers, 95+ languages

Built on open source DSpace 6.0 platform

Metadata freely available (CC0)

Managed alongside OpenEdition



<https://doabooks.org>

# OAPEN & DOAB

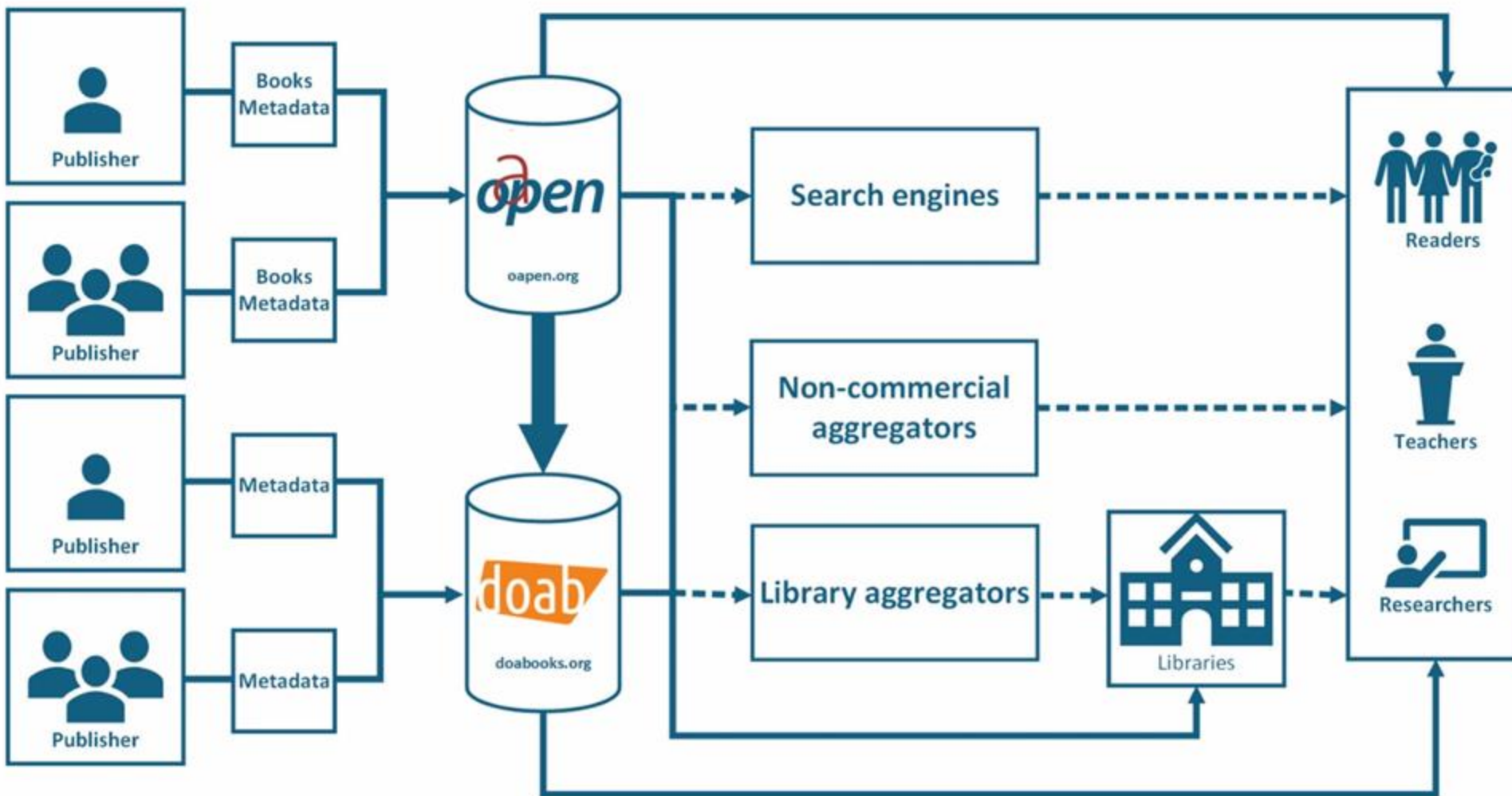
## Mission

- Increase discoverability of peer-reviewed open access (OA) books
- Promote and build trust in OA book publishing

## Values

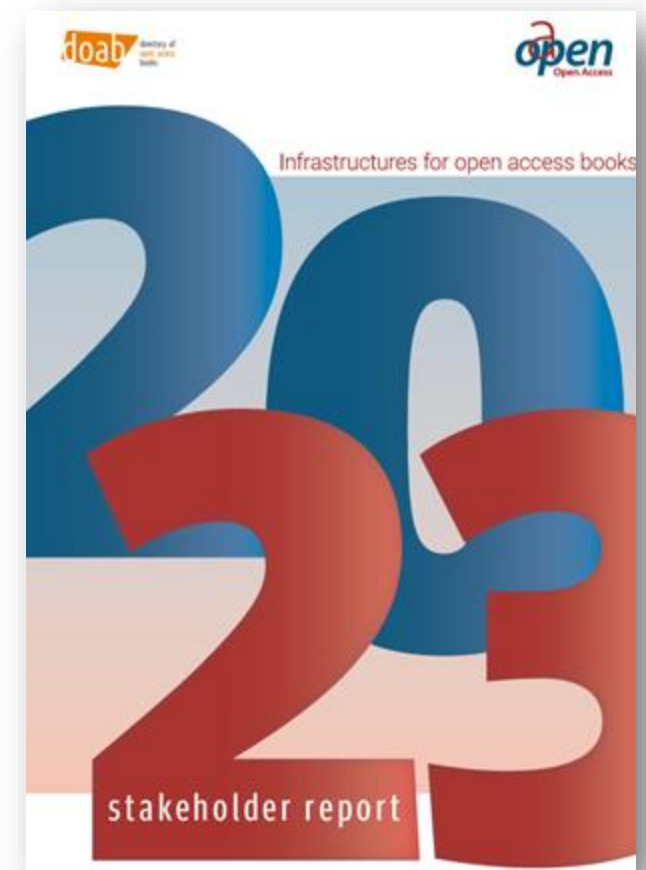
- Not-for-profit and independent ([cannot be sold or acquired](#))
- Guided by [POSI principles](#) / [self-audit](#) May 2023

# Infrastructure



# 2023 Stakeholder Report

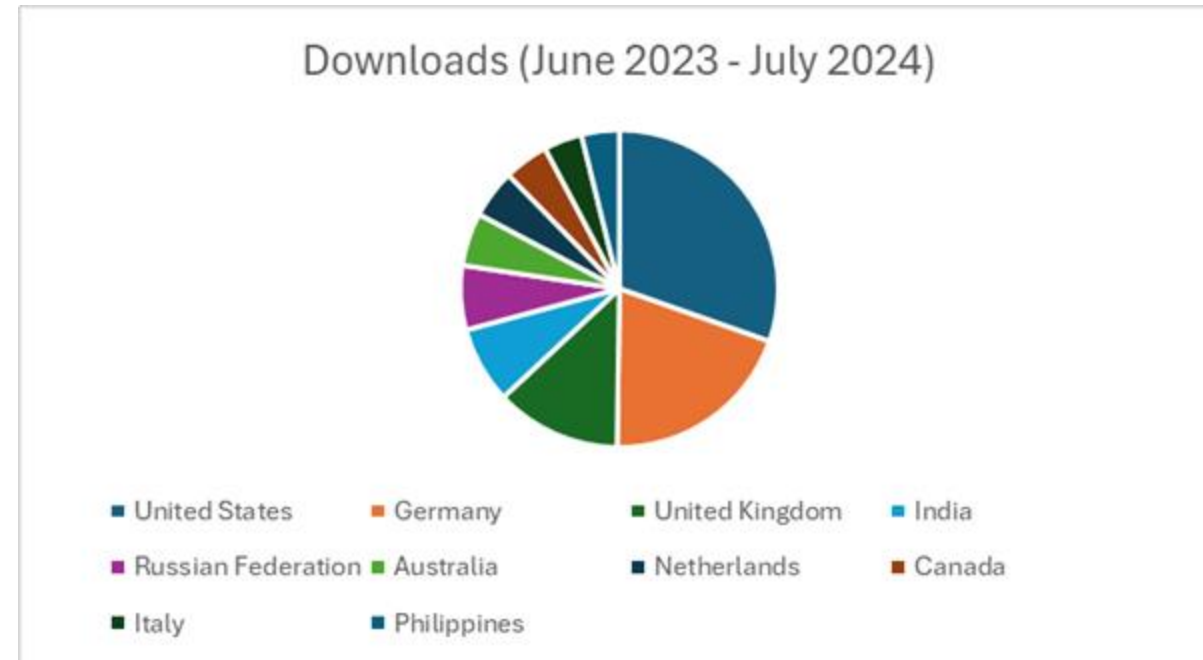
- Key results and developments from both OAPEN and DOAB, including:
  - Growth and governance of OAPEN, including the OAPEN Library
  - Growth and governance of DOAB
  - OAPEN OA Books Toolkit
  - Communication activities and stakeholder engagement
  - Technical developments and research
  - Projects we're involved in
  - A message from our new partner, CERN
  - Each organisation's finances
  - Our outlook for 2024



<https://oapen.fra1.digitaloceanspaces.com/adc7a6ff5ddf416e8b9d4d71901f7cec.pdf>

# Usage by country

	Country	Downloads (June 2023 - July 2024)
1	United States	3,262,111
2	Germany	2,129,647
3	United Kingdom	1,372,482
4	India	836,277
5	Russian Federation	704,655
6	Australia	579,245
7	Netherlands	530,136
8	Canada	487,763
9	Italy	417,816
10	Philippines	413,942



IRUS-UK data for the OAPEN Library, taken on 1 August 2024



# Our metadata is used by



# CERN & OAPEN Collaboration

OAPEN and DOAB servers will be hosted by CERN (beginning Q2/2024)

## Enabling open access to books

An expanded collaboration agreement between CERN and the OAPEN (Open Access Publishing in European Networks) Foundation sees the Laboratory directly hosting the OAPEN Library and the Directory of Open Access Books in its Data Centre

6 MARCH, 2024



(Image: CERN)

CERN and the not-for-profit organization [OAPEN Foundation](#) are happy to announce a further expansion of their collaboration to jointly promote open access to books.

# Why, who, how?

Can you provide 10,000 books in English and Spanish? We need a JSON file for that.

 The **Palace** Project

I need to update our ONIX export. AGAIN!!



What is new on comics or cartoons? Can we show it in our journal?

**THE COMICS GRID**  
Journal of comics scholarship

Give me all your books, but in our non-standard XML.

I don't want chapters! Only books for my catalogue.

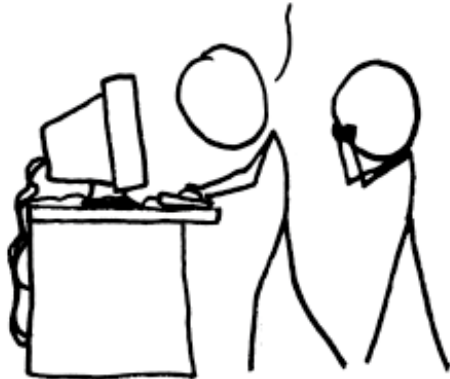
We want 10 different sets of books, with different subjects and languages. Make them available in MARCXML and KBART, OK?



# What is MEMO?

<https://xkcd.com/763/>

SEE, I'VE GOT A REALLY GOOD SYSTEM:  
IF I WANT TO SEND A YOUTUBE VIDEO  
TO SOMEONE, I GO TO FILE → SAVE, THEN  
IMPORT THE SAVED PAGE INTO WORD. THEN  
I GO TO "SHARE THIS DOCUMENT" AND  
UNDER "RECIPIENT" I PUT THE EMAIL  
OF THIS VIDEO EXTRACTION SERVICE...



I'LL OFTEN ENCOURAGE RELATIVES TO TRY TO SOLVE  
COMPUTER PROBLEMS THEMSELVES BY TRIAL AND ERROR.  
HOWEVER, I'VE LEARNED AN IMPORTANT LESSON: IF THEY  
SAY THEY'VE SOLVED THEIR PROBLEM, NEVER ASK HOW.

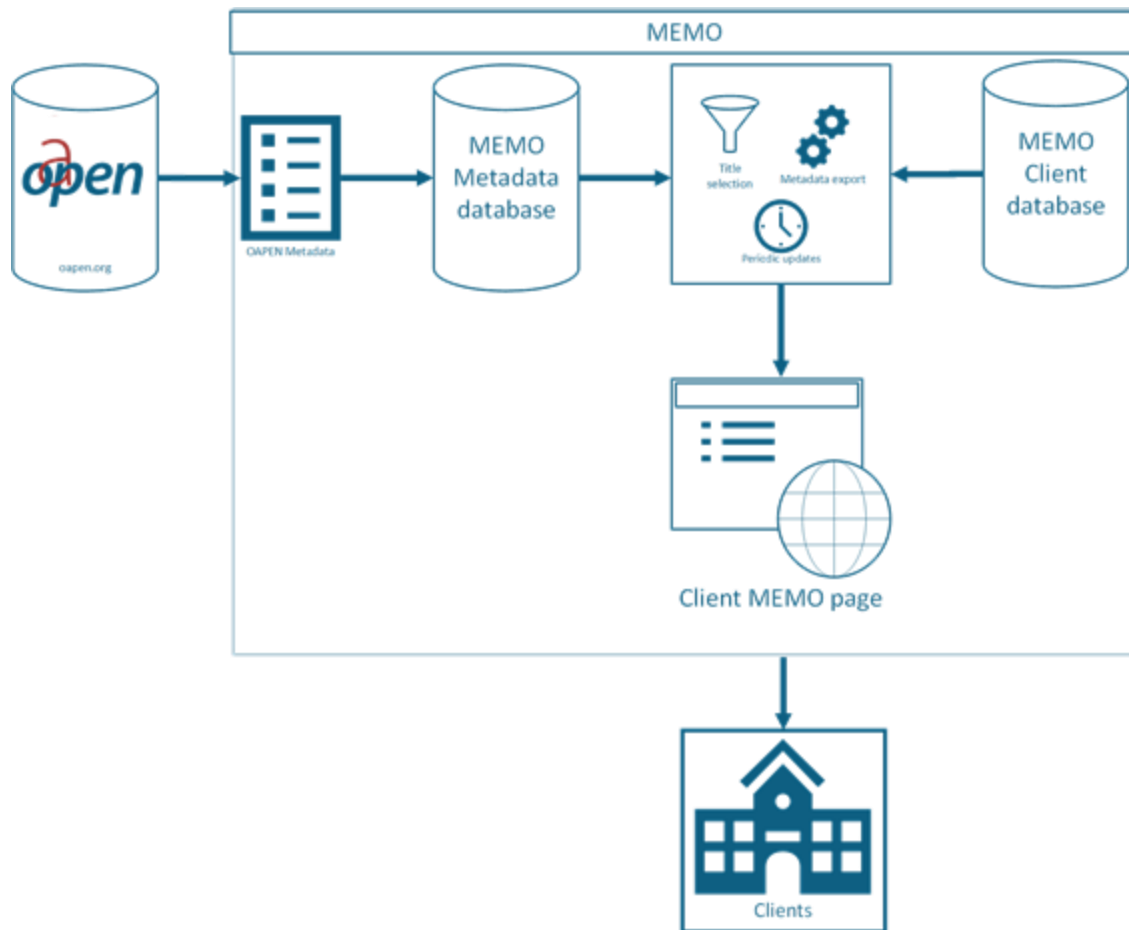
## The problem:

- OAPEN users want a specific set of titles, delivered in a specific way
- Updating information is currently a manual process

## The solution:

- Query tool: make any selection you want
- Export tool: create any type of export
- Scheduling tool: automatically make new updates available

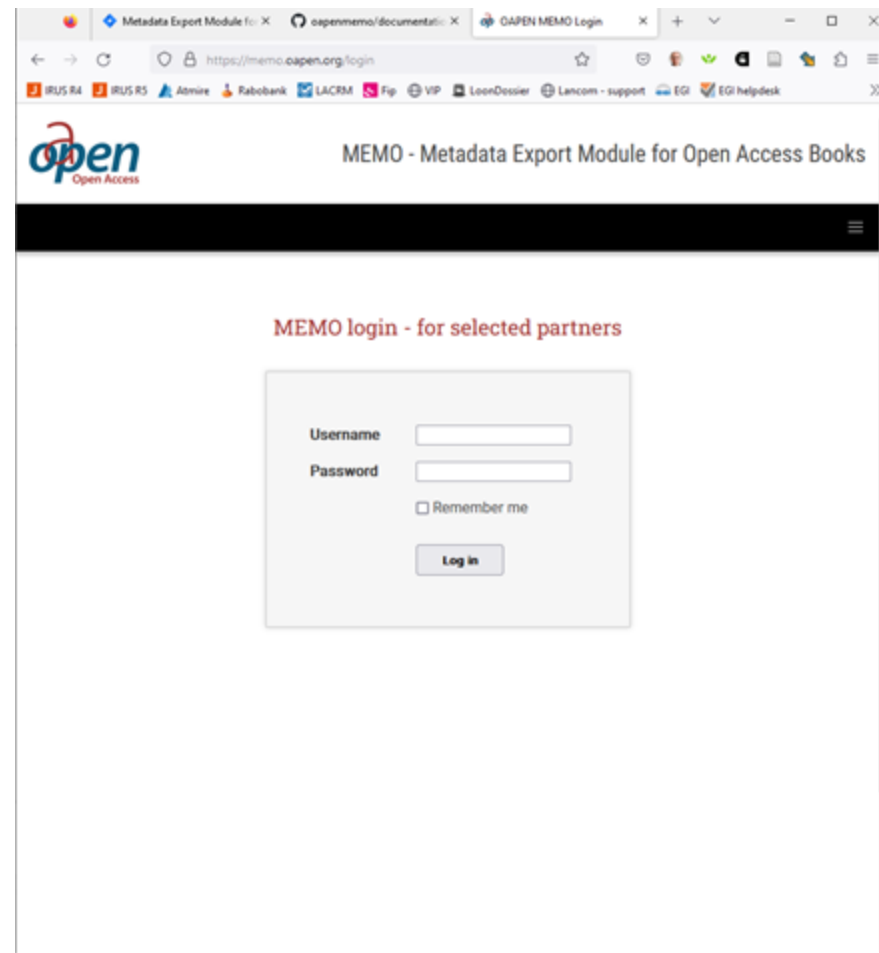
# How does it work?



- MEMO copies metadata and covers from OAPEN Library
- Per client, one or more exports are created:
  - Selection of titles
  - Export format
  - Update frequency
  - Password protected or freely available?
- The client has access to their personal MEMO page

# How does it look?

The tool is available at  
<https://memo.oopen.org>



## OAPEN Foundation

### Metadata Exports

Multiple export formats, multiple subjects

Update frequency here set to weekly

export	public link	type	this update	next update	frequency	download
<a href="#">Climate_change_and_environment.json</a> Titles on climate change and environment as a Palace Project JSON file	<a href="#">link</a>	json	2024-07-26	2024-08-02	W since 2024-04-19	<a href="#">download</a>
<a href="#">Climate_change_and_environment.rss</a> Titles on climate change and environment as a RSS file	<a href="#">link</a>	rss	2024-07-29	2024-08-05	W since 2024-04-08	<a href="#">download</a>
<a href="#">Climate_change_and_environment_KBART.tsv</a> Titles on climate change and environment as a KBART file	<a href="#">link</a>	tsv	2024-07-29	2024-08-05	W since 2024-04-08	<a href="#">download</a>
<a href="#">Climate_change_and_environment_MARCXML.xml</a> Titles on climate change and environment as a MARCXML file	<a href="#">link</a>	xml	2024-07-29	2024-08-05	W since 2024-04-08	<a href="#">download</a>
<a href="#">Climate_change_and_environment_ONIX.xml</a> Titles on climate change and environment as an ONIX file	<a href="#">link</a>	xml	2024-07-29	2024-08-05	W since 2024-04-08	<a href="#">download</a>
<a href="#">Climate_change_and_environment_Webpage.html</a> Titles on climate change and environment as a web page	<a href="#">link</a>	html	2024-07-29	2024-08-05	W since 2024-04-08	<a href="#">download</a>
<a href="#">Migration_KBART.tsv</a> Titles on migration as a KBART file	<a href="#">link</a>	tsv	2024-07-28	2024-08-04	W since 2024-04-07	<a href="#">download</a>
<a href="#">Migration_MARCXML.xml</a> Titles on migration as a MARCXML file	<a href="#">link</a>	xml	2024-07-28	2024-08-04	W since 2024-04-07	<a href="#">download</a>
<a href="#">Migration_ONIX.xml</a>	<a href="#">link</a>	xml	2024-07-28	2024-08-04	W	<a href="#">download</a>

✎ Edit task: Climate\_change\_and\_environment.json

task name

Climate\_change\_and\_environment.json

extension

json



export path: oapen/Climate\_change\_and\_environment.json

Task is activated

Task is public. No passkey is needed!

start date

2024-04-19



daily  weekly  monthly  yearly

description (shown to client)

Titles on climate change and environment as a Palace Project

Metadata export created using Python

Document selection based on SQL

oapen:climate\_change\_and\_environment.json

series.oapen:climate\_change\_and\_environment

preview

```
# -*- coding: utf-8 -*-  
"""  
OK, it works like this: create several dictionaries, nest them into another dicti...  
Each publication (a combination of nested dicts) must be put in a list (arrays in...  
That list of publications is added to a dictionary, together with the 'header inf...  
Finished nesting? convert to JSON, and then to a string  
In the string, replace strtype with @type - @ character is not permitted in a dic...  
  
Who said it was going to be simple, anyway?  
"""
```

preview

```
# Column 0: handle  
# Column 1: sysid  
# Column 2: handle_publisher  
# Column 3: part_of_book  
# Column 4: type  
# Column 5: year_available  
# Column 6: download_url  
# Column 7: thumbnail  
# Column 8: license  
# Column 9: webshop_url
```

DRY RUN



# Example: Comics Grid

- Selection:
  - All books on comics or cartoons
- Metadata exports:
  - RSS
  - HTML (simple web page)
- Frequency:
  - Weekly updated
- Freely available:
  - Yes, shareable links

The screenshot shows a web browser window displaying the MEMO - Metadata Export Module for Open Access Books. The page title is "MEMO - Metadata Export Module for Open Access Books". The main heading is "The Comics Grid". Below this, there is a section titled "Metadata Exports" which contains a table with the following data:

export	public link	type	available since	next update	frequency	download
<a href="#">comic_books.html</a>	<a href="#">🔗</a>	html	2023-09-01	2023-09-08	weekly	<a href="#">📄</a>
<a href="#">comic_books.rss</a>	<a href="#">🔗</a>	rss	2023-09-08	2023-09-15	weekly	<a href="#">📄</a>

Below the table, there is a note: "All metadata provided are licensed under a Creative Commons Zero (CC0) license (public domain)."

Metadata exports will be available until the next update, overwriting the previous version. Please schedule your downloads. Expired metadata exports are not kept in archive.

**Sharing exports**

- **Links** to exports contain your secret key and can be used to request export files without signing in, to be used for instance for automated requests by external applications that you trust.
- Do **not** share export links that contain your secret key with third parties or on the Internet. Instead, if you want an export to be publicly available, ask your Open administrator to publish the file.
- **Public links** (🔗) to exports, if available, need no signing in nor secret key and are thus accessible for anyone without authentication. These can safely be shared with third parties or on the Internet.

Questions about these exports? Please contact [r.snijder@oapen.org](mailto:r.snijder@oapen.org)

# Example: SCELC

- Selection:
  - Two profiles, based on subject and language
- Metadata exports:
  - KBART
  - MARCXML
- Frequency:
  - Monthly updated
- Freely available:
  - No shared links, password protected

The screenshot shows a web browser window with the URL <https://memo.open.org>. The page title is "MEMO - Metadata Export Module for Open Access Books". The main heading is "Statewide Californian Electronic Library Consortium (SCELC)". Below this, there is a section titled "Metadata Exports" which contains a table with the following data:

export	public link	type	available since	next update	frequency	download
SCELC_profile1_KBART.tsv Medical & Science, English, 2023		tsv	2023-10-01	2023-11-01	monthly	
SCELC_profile1_marc.xml Medical & Science, English, 2023		xml	2023-10-01	2023-11-01	monthly	
SCELC_profile2_KBART.tsv Faith related, all languages, 2020 -		tsv	2023-10-01	2023-11-01	monthly	
SCELC_profile2_marc.xml Faith related, all languages, 2020 -		xml	2023-10-01	2023-11-01	monthly	
SCELC_profile5_KBART.tsv Arts & Economy, English, 2023 Metadata exports will be available until the next update, overwriting the previous version. Please schedule your downloads. Export metadata exports are not kept in archive.		tsv	2023-10-01	2023-11-01	monthly	
SCELC_profile5_marc.xml Arts & Economy, English, 2023		xml	2023-10-01	2023-11-01	monthly	

At the bottom of the page, there is a note: "All metadata provided are licensed under a Creative Commons Zero (CC0) license (public domain)."

# Conclusion



A flexible tool to help solve a complex problem.

## Activate the OAPEN Library collection - 3 options

✓ **Hosting** 34,000+  
peer-reviewed  
open access books

✓ 400+ publishers and  
60+ languages

### OAPEN Library: open access books

1

Directly retrieve metadata  
from our platform:  
<https://oapen.org/article/metadata>



2

Turn on our collection  
within your preferred  
library management  
system

3

Need support? Contact us  
[info@oapen.org](mailto:info@oapen.org)



## Activate the DOAB collection - 3 options

✓ **Indexing** 70,000+  
peer-reviewed  
open access books

✓ 600+ publishers and  
70+ languages

### Directory of Open Access Books (DOAB)

1

Directly retrieve metadata  
from our platform:  
<https://doabooks.org/en/article/metadata>



2

Turn on our collection  
within your preferred  
library management  
system

3

Need support? Contact us  
[info@oapen.org](mailto:info@oapen.org)



# Benefits for supporting libraries

**1**

Access to your own **COUNTER reporting dashboard** for the OAPEN Library

**Free hosting, distribution, and preservation** services for affiliated publishing entities

**2**

**Bespoke metadata exports** through our flexible export module, MEMO

**3**

You'll be added to our **supporter mailing list** where we send updates on our activities and new features, 3-4 times a year

**4**

**5**

**Have your say** on the continued development of OAPEN and DOAB services at our **annual meeting for supporting libraries**

We **acknowledge your support** on the OAPEN and DOAB websites, in newsletters, and on our social media channels

**6**

**7**

**Integration of metadata** for OAPEN and DOAB collections in different formats

You can use the OAPEN & DOAB logos in your marketing activities to **advertise your support** of our services

**8**

# Library supporter fees

## Pricing

Annual contribution level excluding VAT (USD / EUR)	Combined Supporter	DOAB Supporter	Combined Premium Supporter	Special contribution
<b>Large organisations</b> from <b>high income</b> countries.	\$4,850 / €4,000	\$1,800 / €1,500	<i>Upon request</i>	<i>Upon request</i>
<b>Small organisations</b> from <b>high income</b> countries	\$2,400 / €2,000	\$1,200 / €1,000	<i>Upon request</i>	<i>Upon request</i>
Organisations from <b>low- and middle- income countries</b> ; small non-profits; organisations with smaller budgets	\$1,200 / €1,000	\$600 / €500	<i>Upon request</i>	<i>Upon request</i>
Funding organisations	\$9,700 / €8,000	N/A	<i>Upon request</i>	<i>Upon request</i>
National or regional governments and international organisations	\$6,000 / €5,000	N/A	<i>Upon request</i>	<i>Upon request</i>

Find more information about supporting OAPEN & DOAB on [our website](#)

# Thank you!

Thank you for your attention.

Any questions?

**Contact** Silke Davison, Community Manager: [s.davison@oopen.org](mailto:s.davison@oopen.org)

More information about supporting us: [Support OAPEN - Libraries](#)

[OAPEN Dashboard Demo - For Libraries](#)

Access metadata for:

- The [OAPEN Library](#)
- [DOAB](#)

Stakeholder reports: [Annual Reports](#)

[www.oopen.org](http://www.oopen.org)

[www.doabooks.org](http://www.doabooks.org)

[www.oabooks-toolkit.org](http://www.oabooks-toolkit.org)

