Open Source Platforms as a Foundation for Open Science
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About Hindawi Limited

We are an open access publisher of 231 journals across STEM and Medicine.

We were founded in 1997. Since 2007, we have been a pure Gold OA publisher.

We build and maintain our own peer review, production and content management platforms.
Open source isn’t the future.
Two things that are mostly true

1. Authors do not care about the technology of publishing software.
2. Publishers benefit from network effects.
Why is this important?

“Everything we have gained by opening content and data will be under threat if we allow the enclosure of scholarly infrastructures.”

-Geoffrey Bilder, Jennifer Lin, Cameron Neylon

A healthy marketplace benefits from competition.

We don’t believe authors, societies, or funders should be locked-in to a publisher.

We’re committed to Open Infrastructure Principles:

- Open Source
- Open Data
- Open Integrations
- Open Contracts

In 2017, Hindawi began working with Coko and Libero to rebuild our platforms as open source projects.
Why Open Source?

Coko and Libero bring together communities of like-minded publishers, presses, repositories, and developers.

Building as an open community, we:

- Control the development roadmap
- Collaborate to distribute costs
- Benefit from shared expertise
- Reduce variation and complexity
- Improve interoperability
- Reuse what’s already there
- Sell services, not systems
Building a metadata review process for repository ingestion using **Pubsweet**

Building a multistage, collaborative peer review process using **Pubsweet**

Building an HTML-first, open review process using **Pubsweet**

Building a simple, single-blind peer review workflow using **Pubsweet**
Building a **single-journal** production dashboard, hosting, and reading platform using **Libero.**

Building a **multi-journal** production dashboard, hosting, and reading platform using **Libero.**
How does the collaboration work?

- Non-profit governance
- Open roadmaps
- Inclusive community
- Sharing more than just code
Why does the collaboration work?

- We don’t compete on technology
- We all benefit from network effects

What’s next?

Extend to other stages of the research process.

Create a network of service providers to help organizations implement the technology.

Package the platform for reuse.
We should Coko!

Libero Codebase
https://github.com/libero/

Pubsweet Codebase
https://gitlab.coko.foundation