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. In 2007 we flipped our entire catalog to Gold OA.

We also build our own peer review, production, and content management platforms.
Two things that are mostly true

1. Authors do not care about the technology of publishing software.

1. Publishers benefit from network effects.
“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.

The value of open infrastructure

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 to rebuild our platforms as open source projects.
Why Open Source?

**Coko** is the Collaborative Knowledge Foundation ([https://coko.foundation](https://coko.foundation)), a community 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
- Achieve Open Science goals
- Sell services, not systems
Building a metadata review process for repository ingestion using Pubsweet

Building a simple, single-blind peer review workflow using Pubsweet

Building a multistage, collaborative peer review process using Pubsweet

Building an HTML-first, open review process using Pubsweet
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 beyond peer review to other stages of the research process.

Create a network of service providers to help organizations implement the technology.
We should Coko!

Coko Website
https://coko.foundation/getting-started-with-coko/

Pubsweet Codebase
https://gitlab.coko.foundation

Mattermost Community
https://mattermost.coko.foundation

Find us on Mattermost and we’ll show what we’ve been building.