Community Update: Dryad & CDL

Daniella Lowenberg & Günter Waibel
@danilowenberg @guwa
California Digital Library

University of California
CDL
California Digital Library

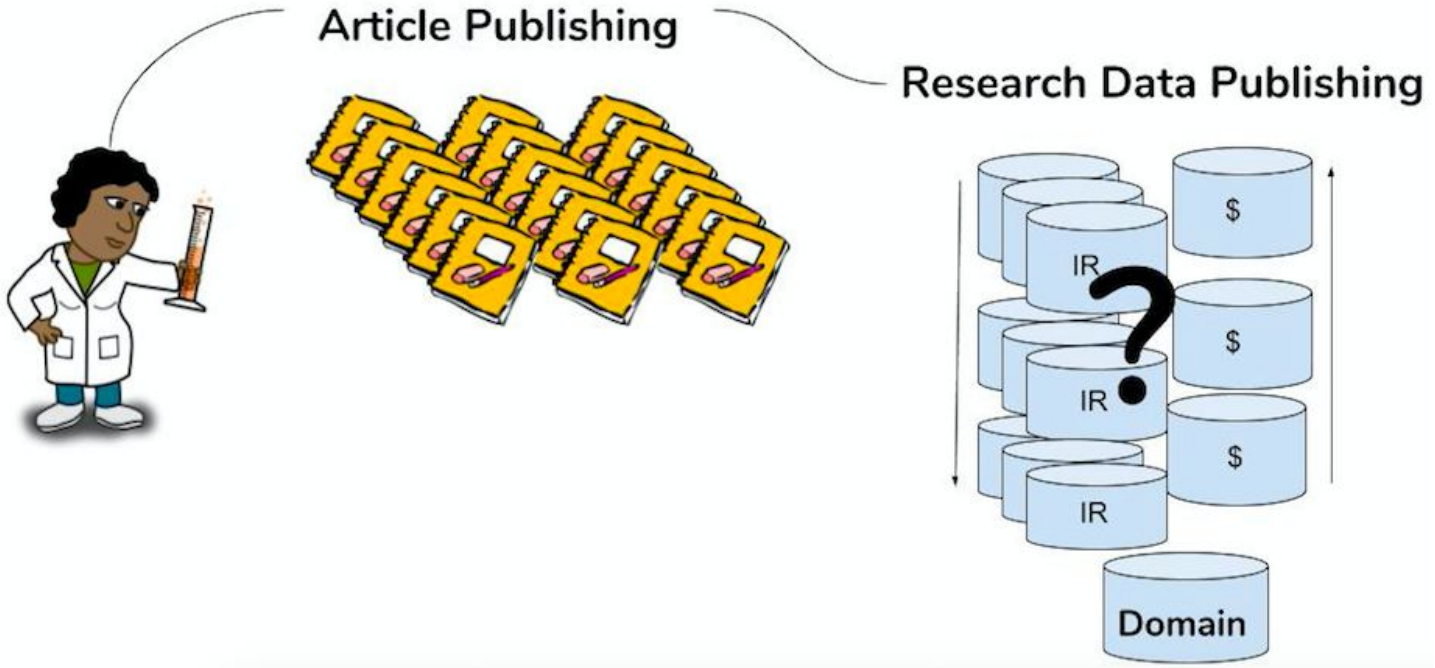
Open Access & Publishing

Collections

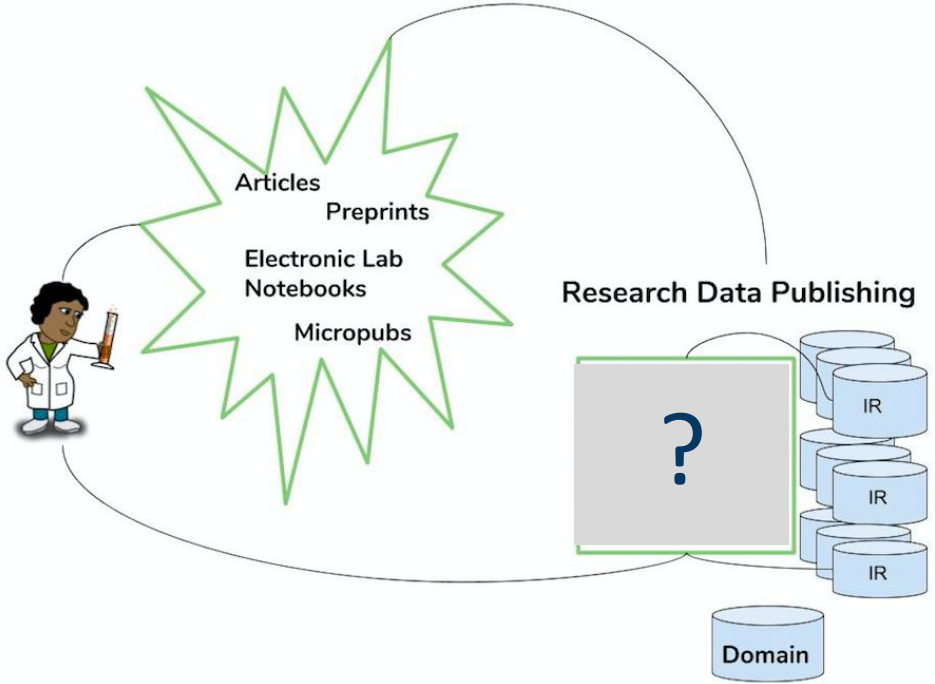
Discovery & Delivery

Data Publishing

Current Landscape



Vision for Data Publishing



Framing the Problem

The world needs a place for quality research data to be openly available.

But, our products and focus have been misguided and our investments are inefficient.

And...

Research data services are unaffordable

Researchers deposit where publishers guide them

Institutional repositories have not been effective

Research Data Support service

Research data refers to the collection of files that support your research project, study or publication (sometimes called datasets).

Our Research Data Support service is a paid curation service for any **published author** (or those who are in the **process of publishing in a Springer Nature journal or book**). Authors that use the service often don't have the time, expertise or knowledge needed to:

- ✓ Organise data in a useful way.
- ✓ Meet funder or institutional requirements on data sharing.
- ✓ Get more credit and readership of their data and associated publication.

Find out more about the benefits of sharing your research data.

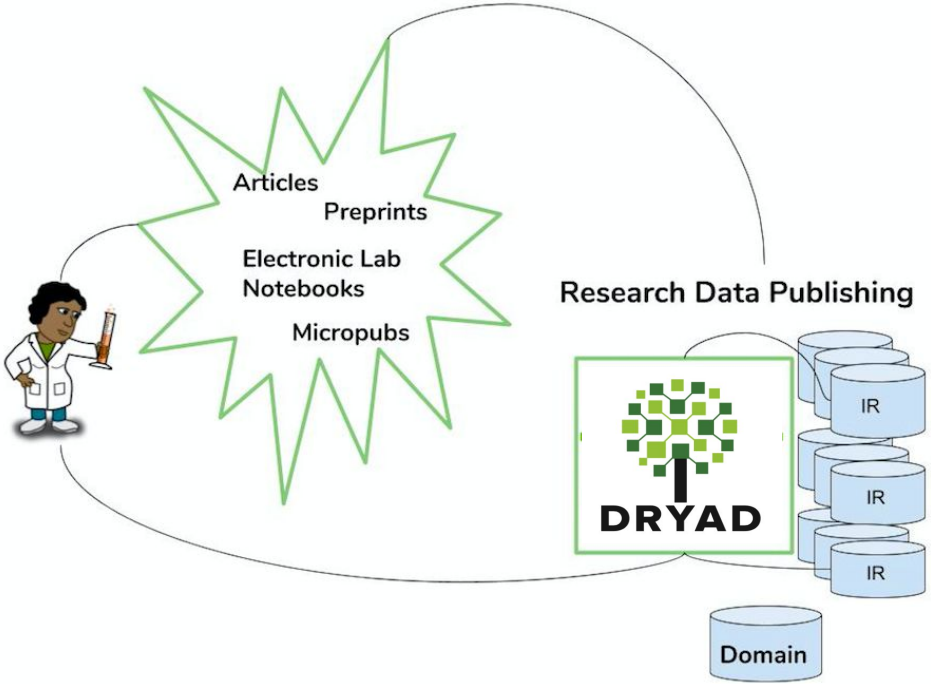
As standard, datasets cost €300/£265/US$340* and we accept most file types.

Five facts about Research Data Management from Elsevier

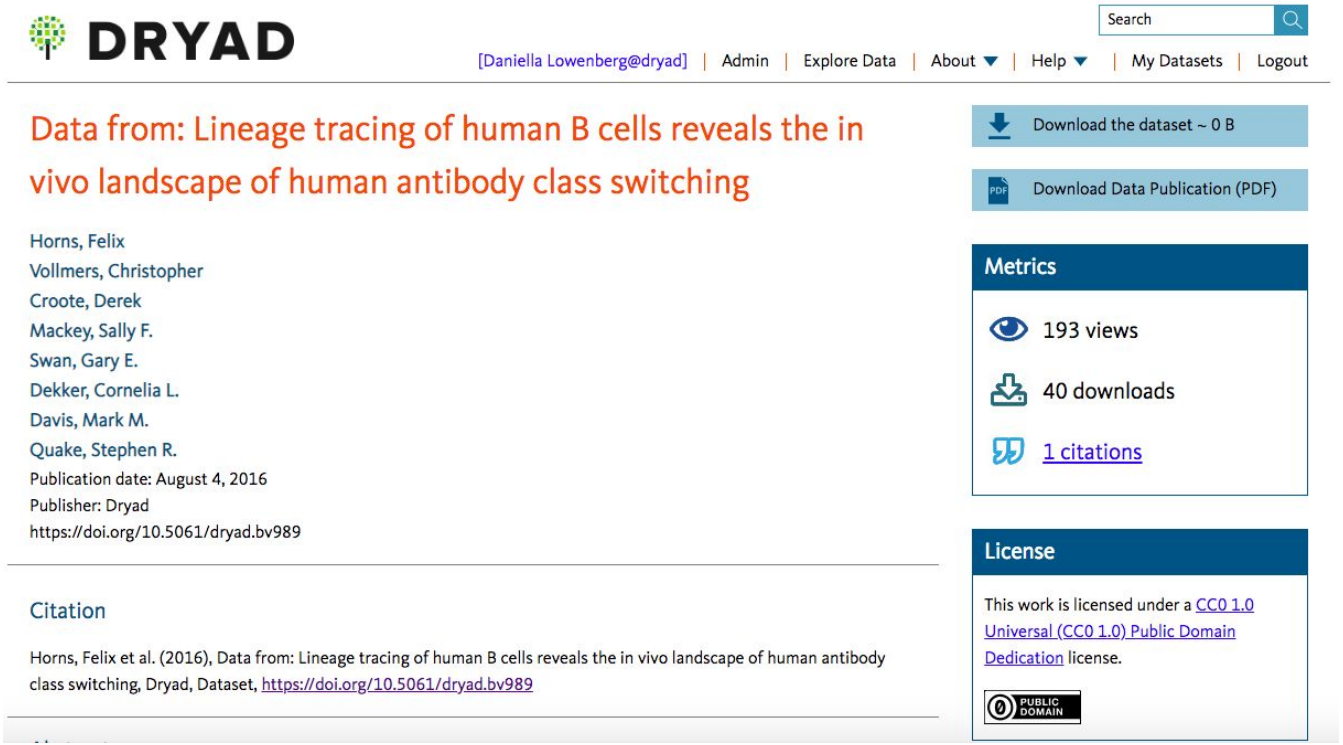
Open science can benefit research and society and drive research performance. Did you know Elsevier publishes open access, as well as having an active involvement in Research Data Management (RDM)?
Here are five things you need to know.

But, effective support to the research community does not always mean building new products

Vision for Data Publishing: Dryad

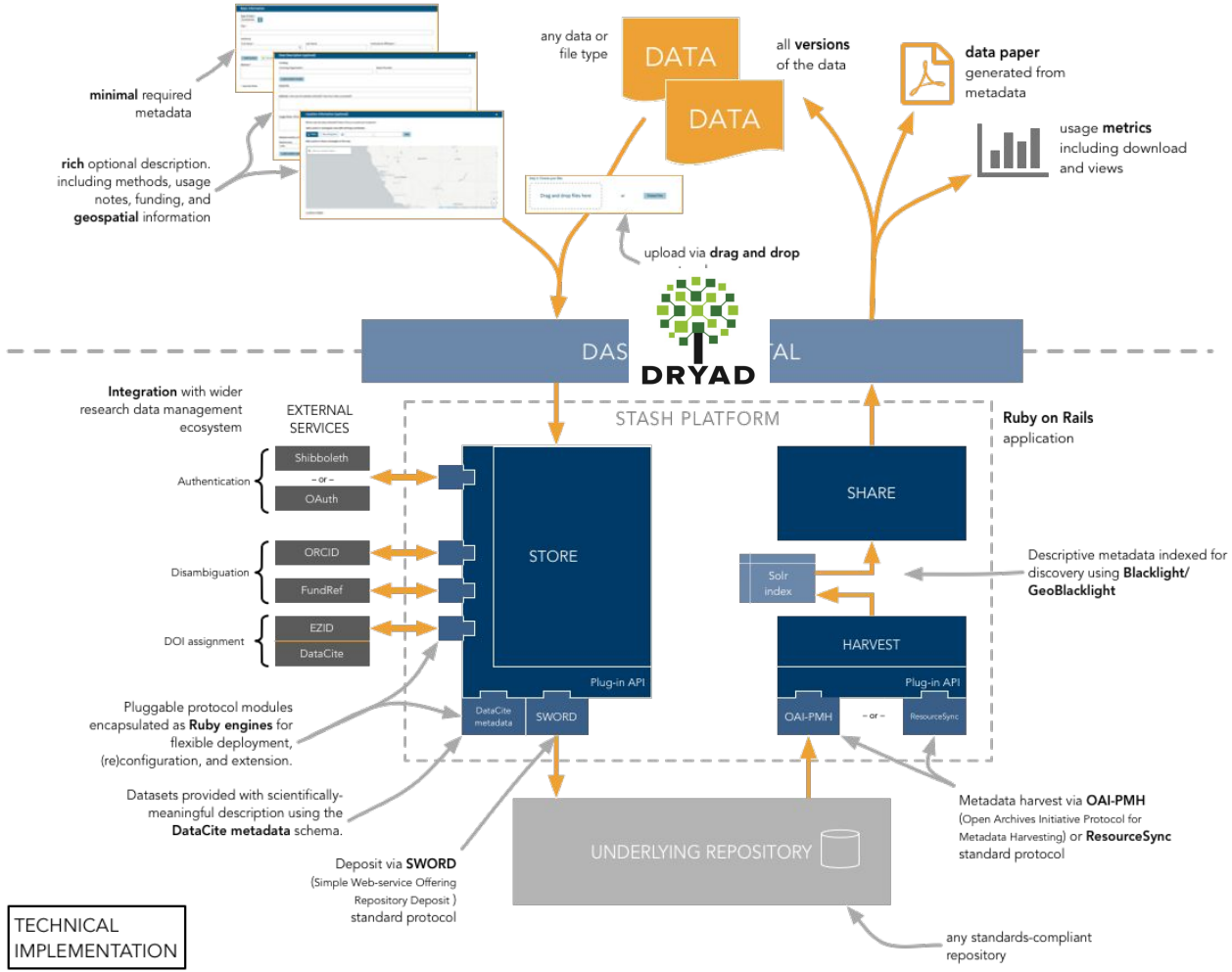


We are launching a new Dryad



FEATURES

Data Publishing Platform



Preservation repository

TECHNICAL IMPLEMENTATION

New Dryad platform

- Built on top of **Core Trust Seal** Certified preservation repository
- Standards based
  - SWORD, OAI-PMH, **Schema.org (Google Data Search)**
  - DataCite schema, **ORCiD** login/co-author ORCiDs, Funder Registry, Versioning, Research Organization Registry **(ROR) Organization IDs**
- Large datasets accepted via cloud manifest
- Submission and Download **REST APIs**
- Administration and curation layer
- Standardized data usage and citation metrics **(Make Data Count)**

Publisher Integration Plans

- ScholarOne- 2019
- Editorial Manager- 2020
- Plans to integrate with:
  - Coko / xPub
  - PKP/OJS
- Working to integrate with:
  - Highwire (BioRxiv)
  - Publisher built platforms

Other Integration Plans

- Jupyter Notebooks / Python Packages
- rOpenSci
- Europe PMC & EBI Repositories
- PubMed & NCBI Repositories
- NSF Funded Domain Repositories
- Protocols.Io

Membership Model

A New Day for Dryad

There so much is new activity at Dryad! As we prepare to relaunch our platform later this summer, we've been hard at work on:

1. Rolling out a new **Institutional Membership** plan with enhanced benefits
2. Planning for an upcoming webinar
3. Redesigning our logo!

A New Way to Partner with us: Institutional Memberships

CAL STATE
EAST BAY

MONTANA
STATE UNIVERSITY

Institutional Membership

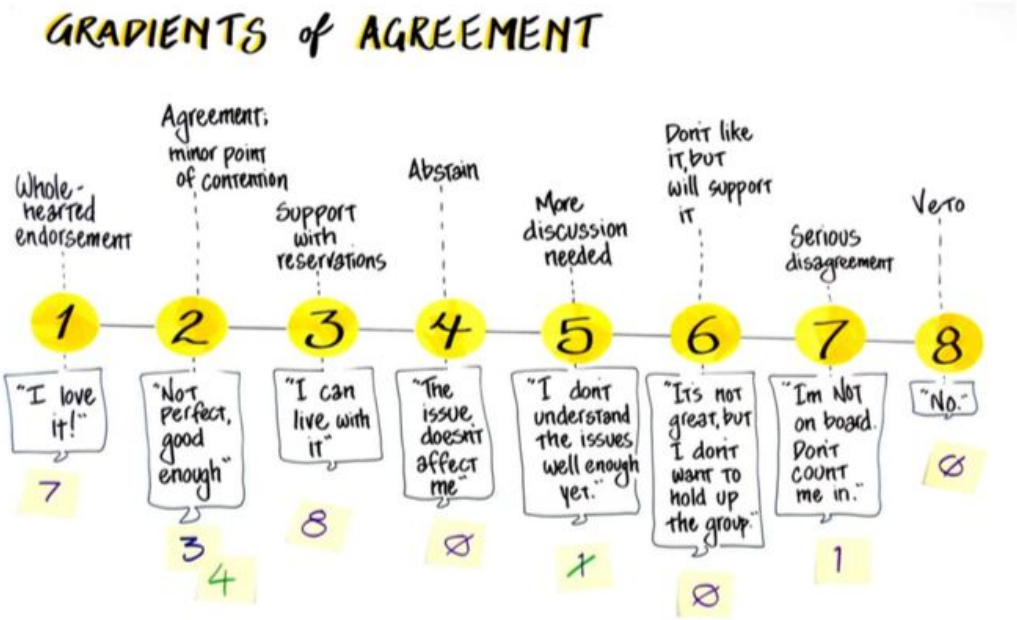
1. Single sign-on and branding
2. Free deposits and storage for researchers
3. Access to a network of curators
4. Voice in our community

We are a **community** who support data curation, data publishing, and data preservation adoption.

We should **band together** and support **community-owned** research data infrastructure!

Roadmap & Next Steps

Workshop 1: IMLS & Libraries



Workshop 2: Publishers

- British Medical Journal
- eLife
- Hindawi
- PLOS
- Wiley
- Taylor & Francis
- F1000
- Springer Nature
- Europe PMC
- Royal Society
- Oxford University Press

Workshop 3: Researchers

National Science Foundation
WHERE DISCOVERIES BEGIN

Award Abstract #1839032

Community Meeting on Scalable Data Publication Infrastructure

Planning Underway!

Product Launch

March, 2019: Features Complete, API & sandbox available

April-June, 2019: Load and user testing

Road to production...

Questions?

Daniella Lowenberg & Günter Waibel
@danilowenberg @guwa
Daniella.lowenberg@ucop.edu
dlowenberg@datadryad.org

DRYAD

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