



Force11/Datacitation update and
Scholarly Link Exchange (Scholix)
for Belmont forum / London 23-06-17

Presenter:

Wouter Haak VP Research Data Management Elsevier

research data sharing without barriers
rd-alliance.org



biomedical and healthCAre Data Discovery Index Ecosystem

E-mail or username * Password *

Input fields for login

Log in

Create new account Request new password

- HOME ABOUT GROUPS PARTICIPATE NEWS EVENTS RESOURCES RELATED LINKS CONTACT



Data Citation Implementation Pilot

The DataMed's DATS Model Annotated With Schema.org - Webinar

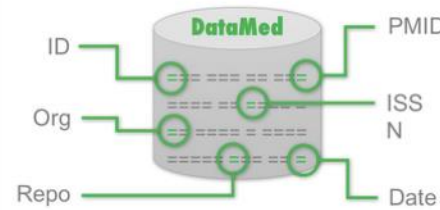
BioCADDIE Repository Workshop June 23, 2016

Sign Up For Access To DataMed (BioCADDIE Prototype)

Pilot Project On Harvester Announcement



Pin It

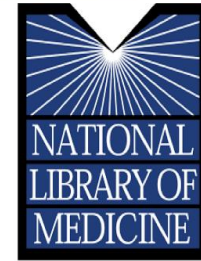


The Future of Research Communications and e-Scholarship

Participants



University of California
CDL
California Digital Library



*And
you!*



Springer



eLIFE



EMBL-EBI












research data sharing without barriers
rd-alliance.org



New Results

A Data Citation Roadmap for Scientific Publishers

 Helena Cousijn,  Amye Kenall,  Emma Ganley,  Melissa Harrison,  David Kernohan,
 Fiona Murphy,  Patrick Polischuk,  Maryann Martone,  Timothy Clark

doi: <https://doi.org/10.1101/100784>

This article is a preprint and has not been peer-reviewed [what does this mean?].

Abstract

Info/History

Metrics

 Preview PDF

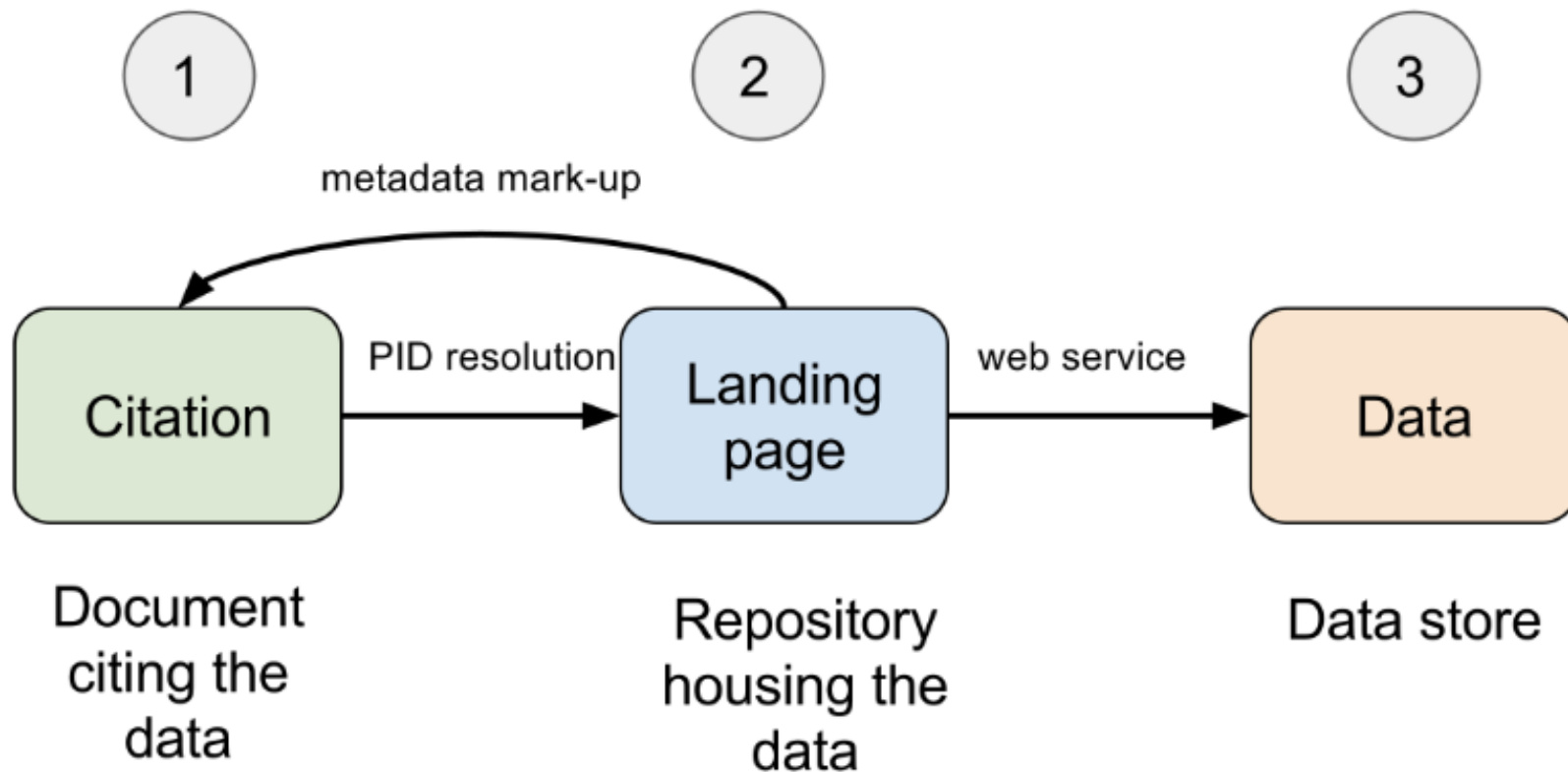
Abstract

This article presents a practical roadmap for scholarly publishers to implement data citation in accordance with the Joint Declaration of Data Citation Principles (JDDCP), a synopsis and harmonization of the recommendations of major science policy bodies. It was developed by the Publishers Early Adopters Expert Group as part of the Data Citation Implementation Pilot (DCIP) project, an initiative of FORCE11.org and the NIH BioCADDIE program. The structure of the roadmap presented here follows the 'life of a paper' workflow and includes the categories Pre-submission, Submission, Production, and Publication. The roadmap is intended to be publisher-agnostic so that all publishers can use this as a starting point when implementing JDDCP-compliant data citation.

<http://biorxiv.org/content/early/2017/01/19/100784>

Two other roadmaps:
- Data repositories
- Identifiers

Document – Landing Page – Data Store



Data Citation Generic Example

example of a data citation as it would appear *in a reference list**

Principle 2: Credit and Attribution
(e.g. authors, repositories or other distributors and contributors)

Principle 4: Unique Identifier (e.g. DOI, Handle.). **Principle 5, 6 Access, Persistence:**
A persistent link to a landing page with metadata and access information

Author(s), Year, Dataset Title, Data Repository or Archive, [Accession], Global Persistent Identifier, version or subset

Principle 7: Version and granularity
(e.g. a version number or a query to a subset) In addition, access to versions or subsets should be available from the landing page,

*Note that the format is not intended to be defined with this example, as formats will vary across publishers and communities [**Principle 8: Interoperability and flexibility**].

Publisher's Roadmap Development

GROUP
LEADER

Helena Cousijn

Elsevier



GROUP
LEADER

Amye Kenall

SpringerNature



- Leads: Helena Cousijn & Amye Kenall
- Participants: Elsevier, SpringerNature, eLife, PLoS, Frontiers, Wylie, et al.
- Continuing work via Telcons – you are welcome to join

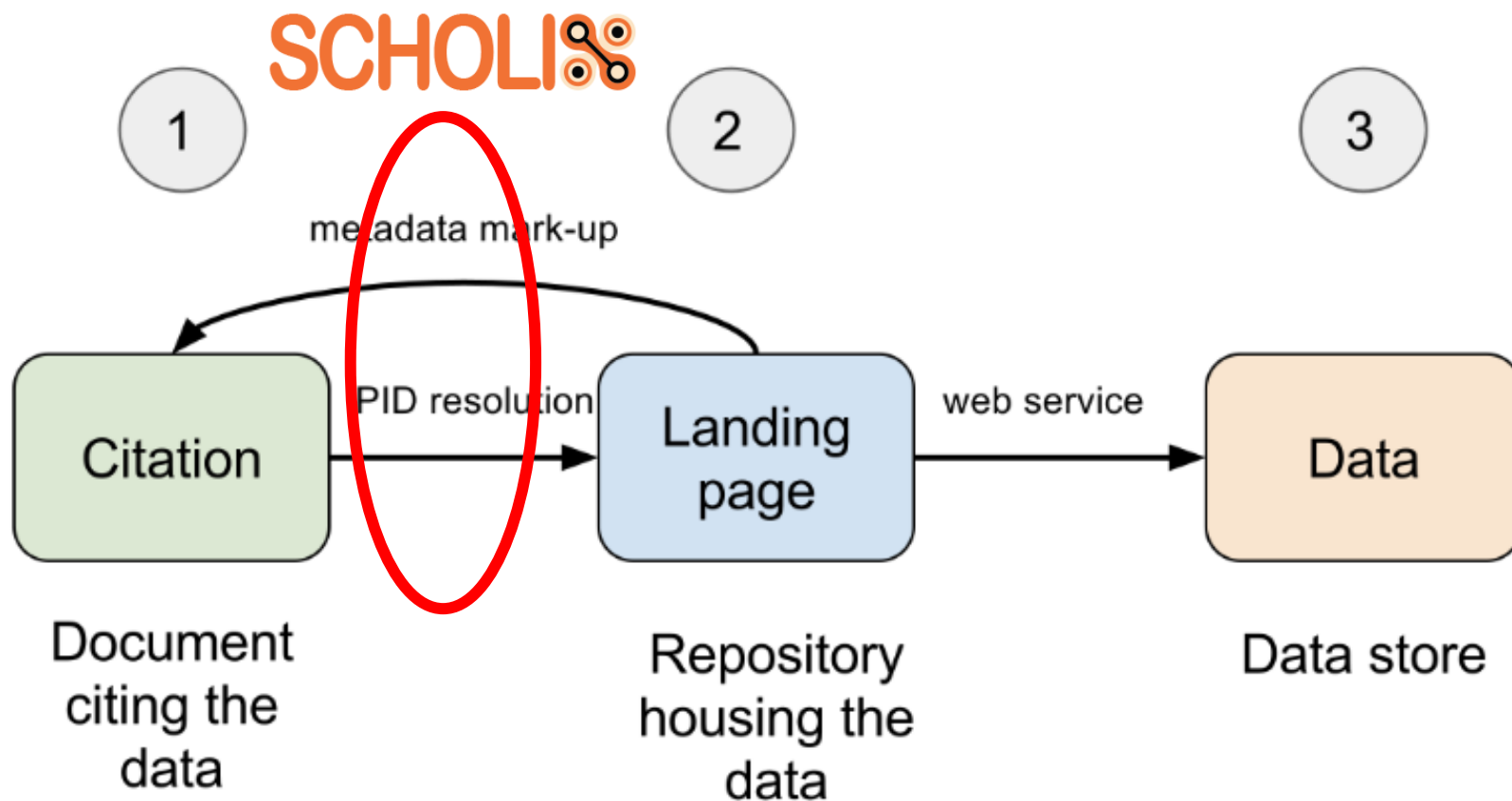
Publishers are Taking Data Citation Seriously

Nov. 30, 2016: Elsevier Implements Data Citation Standards to Encourage and Reward Authors for Sharing Research Data

- **Amsterdam, November 30, 2016** – Elsevier, a world-leading provider of scientific, technical and medical information products and services, today announced that it has implemented the **FORCE11 Joint Declaration of Data Citation Principles for over 1800 journals**. This means that authors publishing with Elsevier are now able to cite the research data underlying their article, contributing to attribution and encouraging research data sharing with research articles.

[...]

Scaling the collection of article-data citations



What is Scholix? www.scholix.org

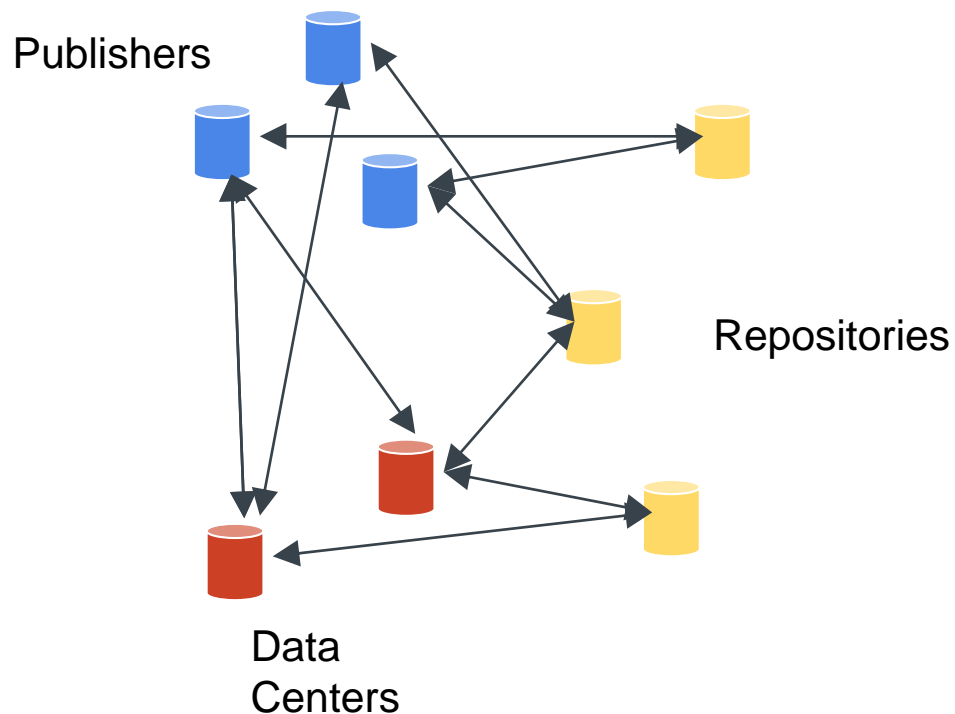
Scholix enables connections between articles and datasets across publishers and repositories.

Article-data links should be exchanged in a dynamic and standardized way, enhancing discoverability of all contributors' content.

Information about these links is stored in open hubs (e.g. Crossref) so other systems can extract relevant connections.

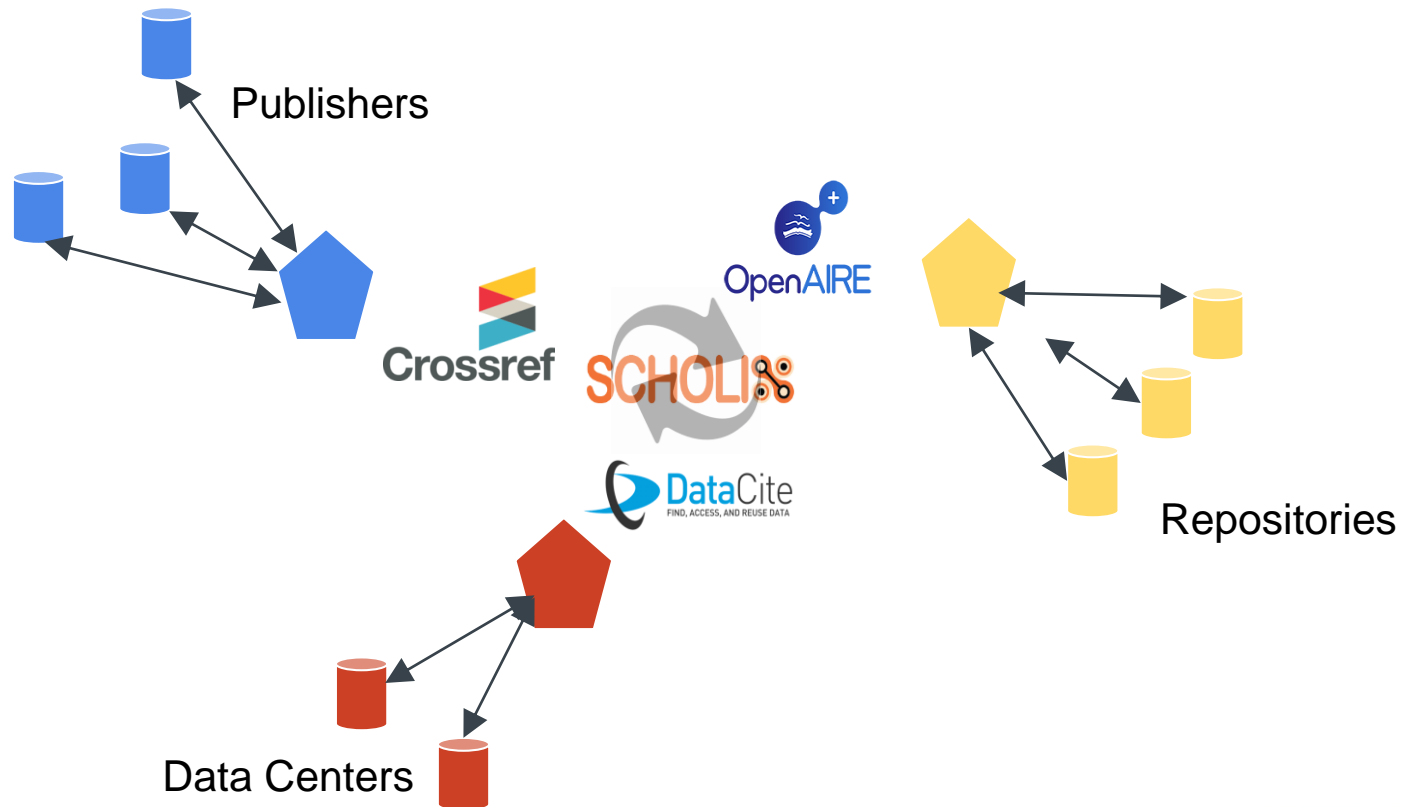
Scholix: connecting the dots

Current: disconnected sources using disparate practices and bilateral agreements



Scholix: connecting the dots

Future: connections between articles and datasets across publishers and repositories, supported by hubs



Joint ICSU-WDS & RDA Working Group, focusing on linking up research data and the literature



Recap of Scholix benefits

see: www.Scholix.org



For data repositories and journal publishers

- linking data and the literature will increase their visibility and usage
- can support additional services to improve the user experience on online platforms
- More scalable and robust due to a global standard rather than bilateral agreements

For research institutes, bibliographic service providers, and funding bodies

- the infrastructure will enable advanced bibliographic services and productivity assessment tools
- track datasets and journal publications within a common and comprehensive framework

For researchers:

- Easier finding and accessing relevant articles and data sets
- track long-term impact of their data (and publications)
- thereby providing additional incentives to share data.

Summary

- Implement the roadmap to cite data correctly
- Share citations with CrossRef or DataCite
- You will then automatically be picked up by Scholix

Thank you!

16

Wouter Haak
w.haak@elsevier.com