Not just identifiers: why Crossref DOIs are important

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Crossref

Mission

Crossref makes research outputs easy to find, cite, link, assess, and reuse.

We're a not-for-profit membership organization that exists to make scholarly communications better.

What can I register a DOI for?

Journals

Books

Book chapters

Conference proceedings

Datasets

Dissertations

Reports

Standards

Posted content (preprints)

Peer reviews

… and more

The structure of a Crossref DOI

https://doi.org/10.1006/jmbi.1995.0238

- The DOI directory: makes the DOI actionable on the web

- Prefix: assigned by Crossref

- Suffix: assigned by the publisher

Total DOI = routes through the DOI resolver to point to the registered URL

DOI suffix

- consistent

- simple

- short

More details: https://www.crossref.org/education/member-setup/constructing-your-dois/

Crossref DOI display guidelines

- Always be displayed as a full URL link

- An example of the best practice in displaying

  a Crossref DOI link is:

  https://doi.org/10.1629/22161

- Old format was http://dx.doi.org/

Your landing page

- A full bibliographic citation so that the user can verify they have been delivered to the correct item

- The DOI displayed as a URL, per display guidelines

- A way to access full text: access to full text is completely controlled by the publisher but the landing page must be accessible to everyone.

Abstract

The UKSG TRANSFER Code of Practice 2.0[1] was released in September 2008 with the goal of creating a set of voluntary industry best practices to ensure that journal transfers go smoothly and that users do not lose access to content when journals change ownership. Starting in April 2006, the UKSG TRANSFER Working Group undertook a lengthy process of analysing journal transfers and crafting a set of best practices to address the concerns of librarians, publishers, agents, societies and others. After much discussion and feedback, a concise, specific Code of Practice was developed. The Working Group decided to take a collaborative, positive approach with different stakeholders working together rather than focusing on prescriptive requirements with penalties attached which would have overly complicated the situation. The Code has seen good uptake and there are a number of ideas for how to take the work forward.
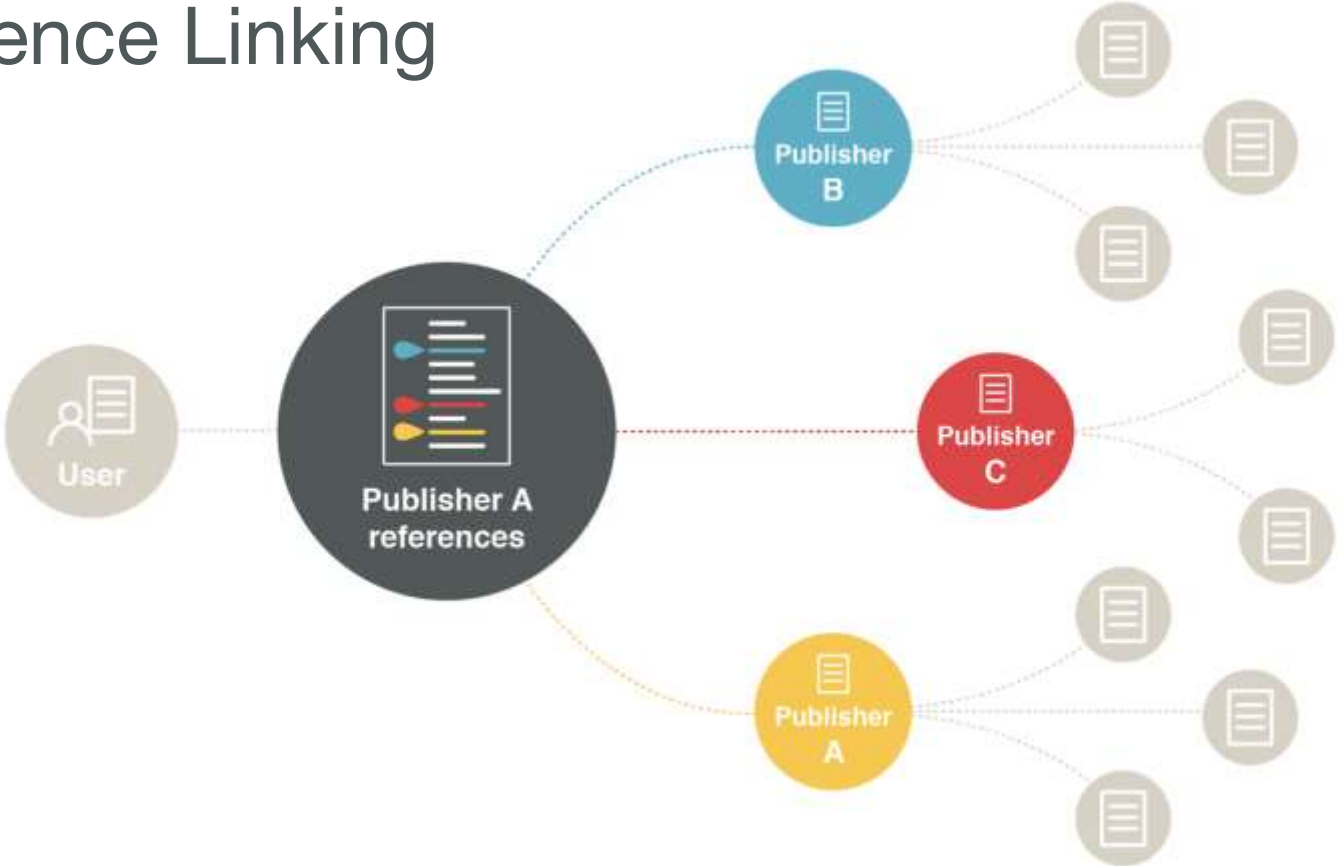
How to Cite: Pentz, E. and Cole, L., 2009. The UKSG TRANSFER Project: collaboration to improve access to content. *Serials*, 22(2), pp.161–165. DOI: http://doi.org/10.1629/22161

Downloads

⬇ PDF (EN)

Reference Linking

PeerJ

References

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Busching R, Gentile DA, Krahé B, Möller I, Khoo A, Walsh DA, Anderson CA. 2015. Testing the reliability and validity of different measures of violent video game
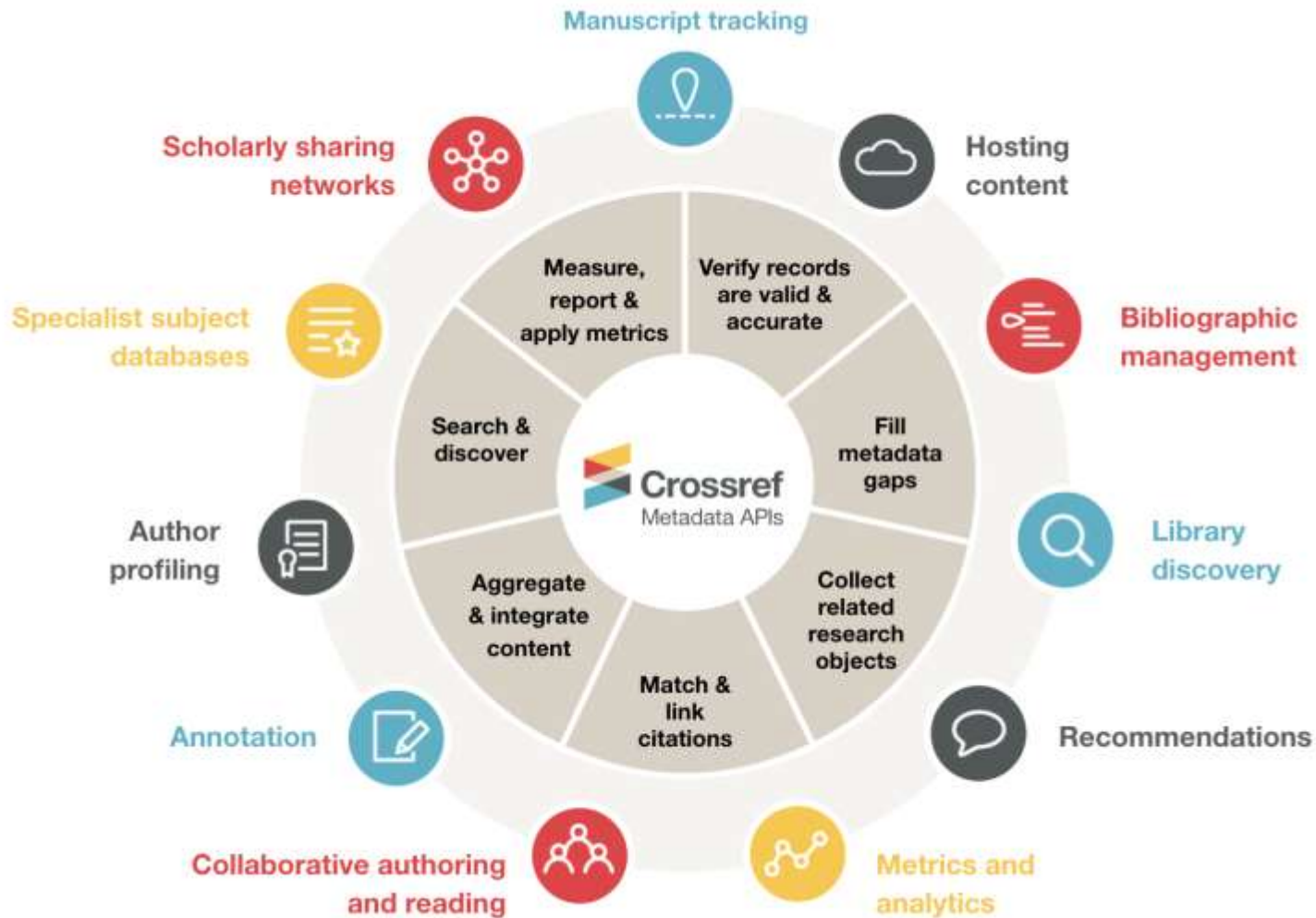
metadata

author names, ORCIDs, affiliations, article titles, ISSN, ISBN, pages, issue #, volume #s, dates, identifiers

more metadata

reference lists, funding data, ORCIDs, license data, clinical trial numbers, errata, retractions, updates and more through our Crossmark service, JATS-formatted abstracts, relationships between items…

Manuscript tracking

Scholarly sharing networks

Hosting content

Specialist subject databases

Bibliographic management

Author profiling

Library discovery

Annotation

Recommendations

Collaborative authoring and reading

Metrics and analytics

Crossref
Metadata APIs

Measure, report & apply metrics

Verify records are valid & accurate

Search & discover

Fill metadata gaps

Aggregate & integrate content

Collect related research objects

Match & link citations

In Summary - A DOI is...

✓ an opaque, persistent, digital identifier.

✓ used to identify a unique content item and its location online.

✓ displayed as a full URL link.

✓ used in citations to enable reference linking, aiding discovery of content.

✓ registered alongside complete, comprehensive and up-to-date metadata.

A DOI is *not*...

X an identifier of who published the content.

X a mark of quality.

X a way to get indexed into a specific database.

X magic (unfortunately!)

Get help and support

- Education curriculum: https://crossref.org/education/
- Email support@crossref.org
- New Community Forum: https://community.crossref.org
- AMAs: https://www.crossref.org/webinars/

Thank you!

feedback@crossref.org

How to manage your metadata with Crossref:
https://crossref.zoom.us/webinar/register/WN_omubwMGHRh6Kx_JmuICdvw

How to add Crossref DOI links to references

- Use a search engine for individual articles (slow)

- Query Crossref with XML (efficient, requires skill)

- Use Crossref lookup tools (simple) -
  https://search.crossref.org/references
  https://apps.crossref.org/SimpleTextQuery

- Use Metadata Manager

- Third party tools such as OJS 3.1.2

https://www.crossref.org/education/reference-linking/how-do-i-create-reference-links/