Crossref: infrastructure and services for scholarly comms

Presented at a MedComms Networking event
4 January 2017
www.MedCommsNetworking.com
We are Crossref, a not-for-profit membership organization for scholarly publishing, working to make content easy to find, cite, link and assess. We do it in five ways: rallying the community; tagging metadata; running a shared infrastructure; playing with new technology; and making tools and services to improve research communications.

It’s as simple—and as complicated—as that.
About us

• Founded in 2000 with 12 publishers
• Not for profit membership organization
• 30 staff based in Oxford, UK and Boston, USA
  ➢ outreach, tech, development, product, operations
• Publishers, libraries, sponsors, affiliated organizations, researchers, all use our services.
Crossref overview

- 5500 publisher members
- Metadata store of over 85 million scholarly content items
- Persistent citation linking
- Funder identifiers
- Report and display corrections & retractions
- Check manuscripts for similarities
- Open Metadata API & Search
Publishers join

• To help their content get discovered
• Show people where it’s located and update that if the content moves
• Drives traffic to publications
• Lets them participate in other collaborative services
Crossref DOIs help to uniquely identify and therefore link content
85,000,000 content items
Content types

- Journals
- Books
- Conference proceedings
- Standards
- Technical reports
- Working Papers
- Theses and dissertations
- Components (figures, tables)
- Datasets (supplementary data)
- Databases
- Posted content (includes preprints)
Basic metadata
Titles, authors, ISSN, ISBNs
Journal articles, conference proceedings, data, standards

Funding Information
Funder identifiers, award numbers

License Information
License URIs (NISO ALI)

Full-text locations
URIs direct to full-text articles (used in TDM)

Significant updates
Retractions, corrections

ORCIDs
Metadata Out

• Search and indexing services
  ➢ On Crossref site
  ➢ On partner sites (e.g. ORCID)
• Enhanced Crossref metadata services
  ➢ Organizations that want to supplement metadata from other sources
  ➢ Organizations providing citation metrics
  ➢ Document delivery providers
  ➢ Discovery services
  ➢ Search engines
  ➢ Content aggregators
Thank you!

Rachael Lammey
Member & Community Outreach
Crossref
http://crossref.org
rlammey@crossref.org

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