Crossref Update & Future Plans

Jennifer Kemp
Crossref
@SaysJKemp

Crossref Outreach Day

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.

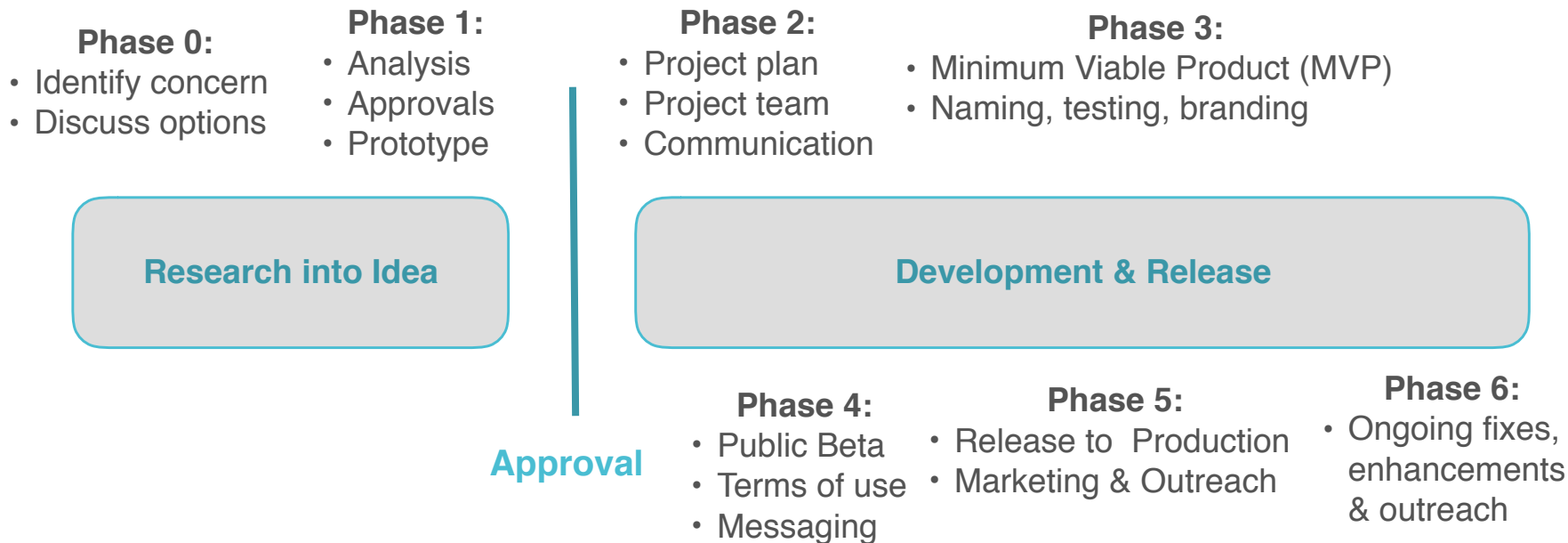**It's as simple—and as complicated—as that.**

Crossref

Crossref Overview

- 15+ years old; non-profit
- 5500 publisher members: 1 member=1 vote
- Metadata store of 80 million scholarly content items
  - Persistent citation linking
  - Funder identifiers
  - Report and display corrections & retractions
  - Check manuscripts for similarities
  - Data about content activity e.g. social, dataset links
  - Open Metadata API & Search

Development Process Overview

Community input in all phases

Phase 0:
• Identify concern
• Discuss options

Phase 1:
• Analysis
• Approvals
• Prototype

Phase 2:
• Project plan
• Project team
• Communication

Phase 3:
• Minimum Viable Product (MVP)
• Naming, testing, branding

Research into Idea

Development & Release

Approval

Phase 4:
• Public Beta
• Terms of use
• Messaging

Phase 5:
• Release to Production
• Marketing & Outreach

Phase 6:
• Ongoing fixes, enhancements & outreach

Development Process: Guiding Principles

One member, one vote: Broadly applicable

Smart alone, brilliant together: Collaborative

Here today, here tomorrow: Sustainable persistence

81,000,000 content items

- Journals
- Books
- Conference proceedings
- Standards
- Technical reports
- Working Papers
- Theses and dissertations
- Components (figures, tables)
- Datasets (supplementary data)

What is New & Forthcoming?

New

- Linked Clinical Trials
- CrossMark redesign
  - UX designer
- ORCID Auto-Update
- Rebranding

Soon

- DOIs for Preprints
- Early Content Registration
- Event Data
- Service Level Agreement (SLA)
- Metadata Quality Campaign
- Participation Reports
- Ambassador Program

Event Data

- For tracking publications outside of the formal literature

- For publishers, funders, institutions, media outlets, technology providers, etc. to enable research monitoring, discovery, and information management

- Formerly called 'Event Tracking'

Crossref
Event Data

Event Data: Initial Sources

BLOGS & REFERENCE WORKS	SOCIAL BOOKMARKS	SOCIAL SHARES & DISCUSSIONS	LINKS TO RESEARCH ENTITIES
Research Blogging	CiteULike	Facebook	ORCiD
ScienceSeeker	Mendeley	Reddit	DataCite
Wordpress.com		Twitter	Europe PMC Database Citations
Wikipedia			

2015 + January-February 2016: Top Referring Domains
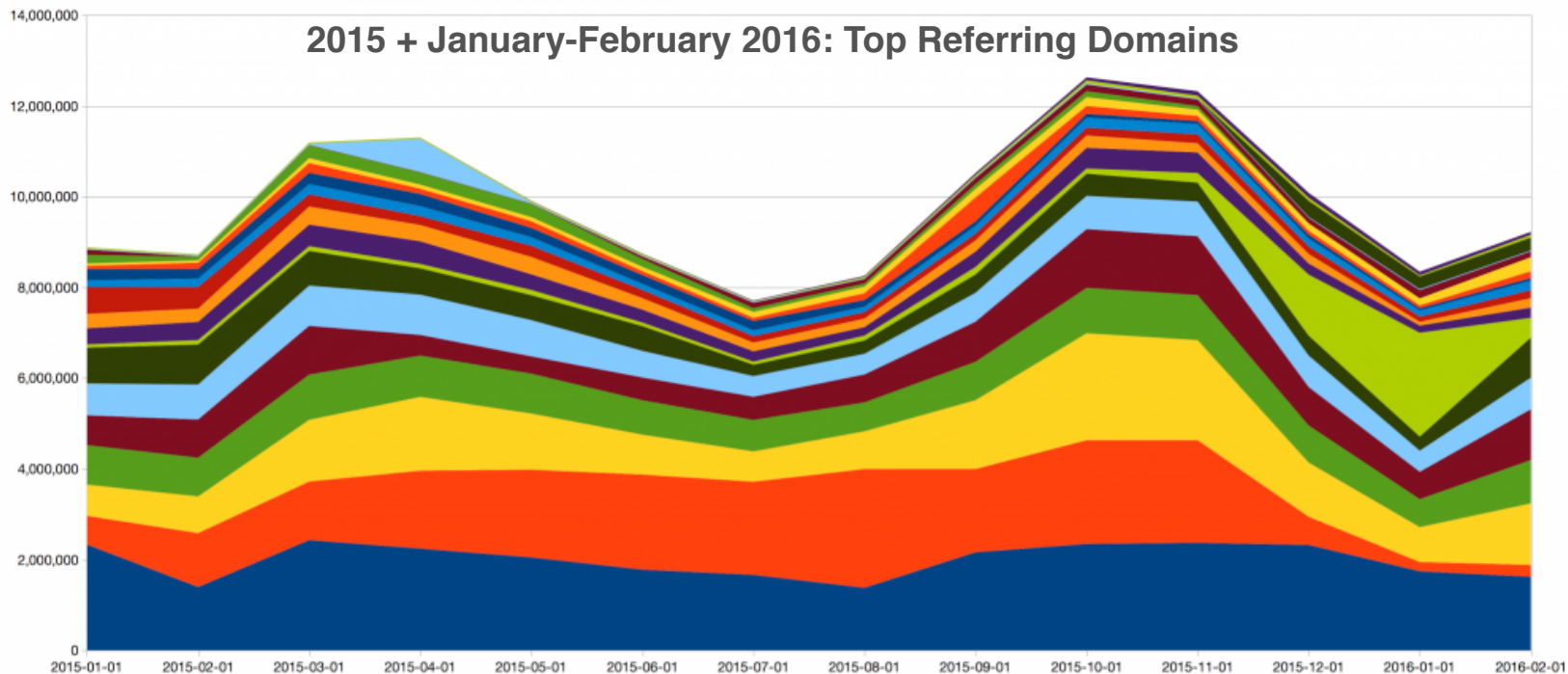
Legend:
- webofknowledge.com
- baidu.com
- serialssolutions.com
- scopus.com
- exlibrisgroup.com
- wikipedia.org
- google.com
- uni-trier.de
- ebsco.com
- google.co.uk
- pubfacts.com
- europepmc.org
- academicanalytics.com
- readcube.com
- google.co.in
- cnki.net
- cas.org
- stanford.edu
- jetsli.de
- shef.ac.uk
- x-mol.com

Event Data: Use Cases

- Surface qualitative stories about researcher work
- Report on the reach of research within specific communities & public at large
- Identify hot, new areas for journal development
- Inform editor and reviewer recruitment efforts
- Discover relevant research
- Discover new collaborators
- Track funding results
- Report on institutions and consortia outputs…

Event Data: Early Preview

http://eventdata.crossref.org/
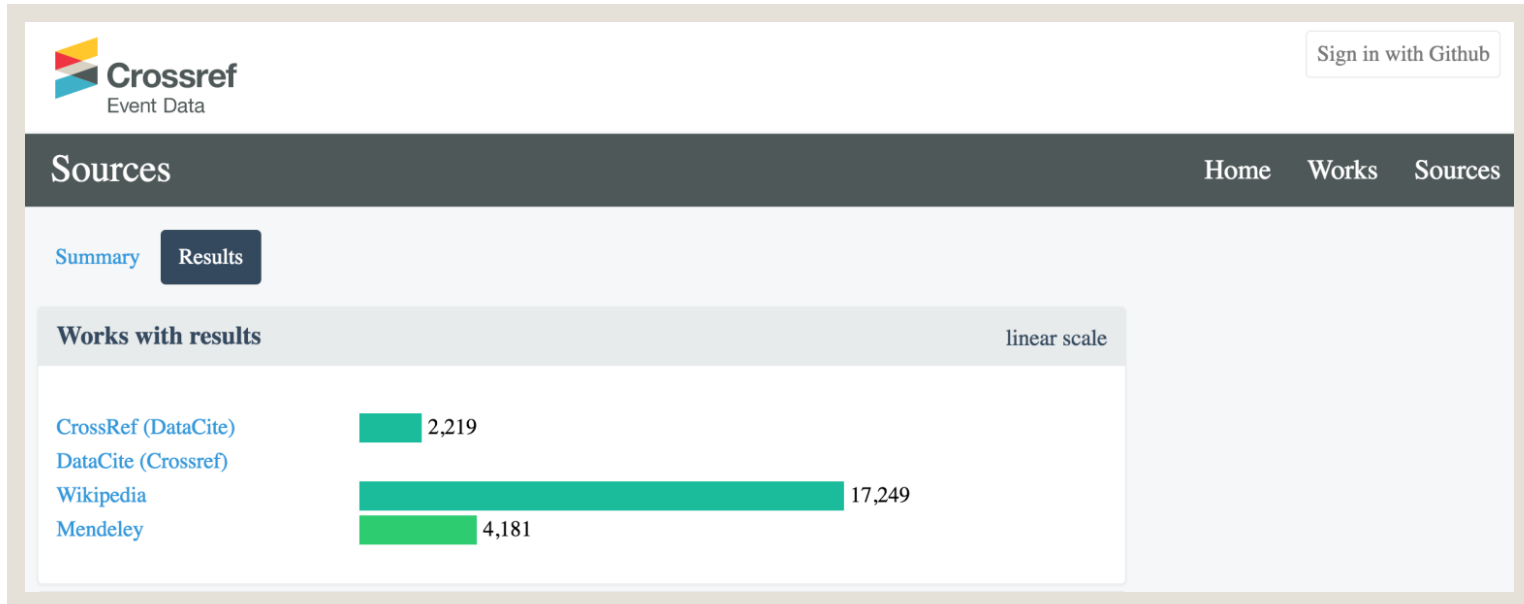
What else are we up to?

- We rebranded
- More in-person events
- Strengthening links with broader community
- Accelerating development
- Building new help website
- Investigating Institutional Identifiers
- Outreach & marketing teams established

Join

How can we help you?

Metadata search

We are a not-for-profit membership organization for scholarly publishing working to make content easy to find, link, cite, and assess.

Thank you!

http://www.crossref.org

Crossref