Crossref Strategy and service updates

Japan Link Center "Field of Dialogue and Co-creation"
16 January 2020
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.
Where we are now
Global community

- Over 12,000 member organizations
- 16 member board, cross section of international publishers
- Metadata store of over 100 million scholarly content items
- A DOI is just the start - We offer a wide array of services to ensure that scholarly research metadata is registered, linked, and distributed.
- We preserve the metadata we receive and make it available via our open APIs and Search.
What are we working on?

- Simplify and enrich existing services
- Adapt to expanding constituencies
- Improve our metadata
- Selectively collaborate and partner

https://www.crossref.org/strategy/
Working with ORCID

ORCID in Crossref XML

Crossref to Auto-Update ORCID Records
What is ORCID auto-update?

- When publishers deposit an author’s ORCID with the article metadata, Crossref will request long-term permission from that author to post works to their ORCID record.
- Once permission is granted, Crossref will automatically post these works to the authors record and any future publications from any Crossref member.
- Any article deposited with an author’s ORCID in the past will also get automatically pushed to the record after permission has been granted.
In the author’s ORCID record
Showing publishers what they are registering

3,942 publishers registering ORCID iDs in their Crossref metadata

https://crossref.org/members/prep
### Monthly ORCID Auto-Update Data

<table>
<thead>
<tr>
<th>Month</th>
<th>Authors Granting Permissions</th>
<th>Works Added to Authors Records</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug</td>
<td>20,994</td>
<td>77,959</td>
</tr>
<tr>
<td>Sep</td>
<td>21,195</td>
<td>71,816</td>
</tr>
<tr>
<td>Oct</td>
<td>24,970</td>
<td>86,024</td>
</tr>
<tr>
<td>Nov</td>
<td>24,915</td>
<td>85,735</td>
</tr>
<tr>
<td>Dec</td>
<td>22,687</td>
<td>79,642</td>
</tr>
<tr>
<td>Jan</td>
<td>28,131</td>
<td>94,440</td>
</tr>
<tr>
<td>Feb</td>
<td>25,820</td>
<td>90,182</td>
</tr>
<tr>
<td>Mar</td>
<td>26,364</td>
<td>95,016</td>
</tr>
<tr>
<td>Apr</td>
<td>22,240</td>
<td>92,117</td>
</tr>
<tr>
<td>May</td>
<td>37,560</td>
<td>117,372</td>
</tr>
<tr>
<td>Jun</td>
<td>25,592</td>
<td>98,685</td>
</tr>
<tr>
<td>Jul</td>
<td>30,125</td>
<td>114,941</td>
</tr>
<tr>
<td>Aug</td>
<td>36,607</td>
<td>117,758</td>
</tr>
<tr>
<td>Sep</td>
<td>236</td>
<td>1,390</td>
</tr>
</tbody>
</table>

### ORCID Totals

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total orcid/article pairs</td>
<td>4,861,402</td>
</tr>
<tr>
<td>Total unique orcid</td>
<td>1,844,474</td>
</tr>
<tr>
<td>Total works pushed</td>
<td>2,350,427</td>
</tr>
<tr>
<td>Authors granting</td>
<td>786,794</td>
</tr>
<tr>
<td>Authors denying</td>
<td>506,386</td>
</tr>
<tr>
<td>Authors not responding</td>
<td>563,198</td>
</tr>
</tbody>
</table>
Research Organization Registry

@ResearchOrgs
ROR is a community-led project to develop an open, sustainable, usable, and unique identifier for every research organization in the world.
ROR community

You

@ResearchOrgs
ROR so far (MVR)

Search: https://ror.org/search

API: https://api.ror.org/organizations

OpenRefine reconciler: https://github.com/ror-community/ror-reconciler
Looking at: https://ror.org/search
Example implementation: Dryad

Soon being added to Crossref schema:

```xml
</institution>
</institution>
    <institution_name>University of Somewhere Awesome</institution_name>
    <institution_acronym>USA</institution_acronym>
    <institution_id>https://ror.org/02twcfxyz</institution_id>
    <institution_id_type>ror</institution_id_type>
    <institution_id>Type=isbn</institution_id>
    <institution_id>000000401234567</institution_id>
    <institution_id type=wikidata>Q11111111</institution_id>
    <institution_place country="ca">Winnipeg</institution_place>
    <institution_department>Feline Research</institution_department>
</institution>
```
Current work

- Code updates
- Product roadmap
- Community engagement
- Policy & governance discussions
- Spreading the word at conferences & events
Introductions – ROR Steering Group

Ed Pentz, CrossRef
John Chodacki, California Digital Library
Matt Buys, DataCite
Daniel Hook, Digital Science
Judy Ruttenberg, Association of Research Libraries
Clifford Lynch, Coalition for Networked Information
Ritsuko Nakajima, Japan Science and Technology Agency
Ina Smith, Academy of Science of South Africa
Stay in touch & up to date!

- **Slack**: tinyurl.com/ror-slack
- **Twitter**: @ResearchOrgs
- **Github**: github.com/ror-community
- **Mailing list**: Sign up via footer link at ror.org
- **Email**: info@ror.org
Grant IDs

Funders are starting to register individual grants and grant metadata with Crossref, so that their grants can be linked to within publication metadata - this helps publications be easily matched to the grant that funded the research behind them.
Thank you!
ありがとう

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