ORCID for DSpace

University of Missouri - @mire

Bram Luyten
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Bram Luyten
The problem

Implemented functionality

DSpace 5 contribution

Future opportunities
The Problem
1000 Genomes Project
2010 Debrecen-Hungary, iGEM
880-01 Chen, Li jin
Aad, G.
Aaker, Jennifer
Aakre, Christopher David
Aalberts, Daniel P.
Aalberts, Daniel Paul, 1966-
Aaltonen, T.
Aanestad, Jon
Aaron, Benjamin S. (Benjamin Samuel)
Aaronson, Scott
Aas, Finn Erik
Aashtiani, Hedayat Zokaei
Ababneh, Mohammed T.
Ababou, R. (Rachid)
Abad, Antonio Manuel, 1976-
Abadi, Daniel J
Abadi, Daniel J.
Abadie, Alberto

Aalbers, Manuel; U0087619
Aarts, Arno; S0180669
Aarts, Arno; U0052905
Abad-Rodriguez, Jose; U0050644
Abarca, Marcelo; U0044819
Abasili, Alexander; U0062381
Abbasi Asbagh, Layka; U0060369
Abbeloos, Dirk; U0063907
Abbeloos, Wim; U0086574
Abbey, Emmanuel Annor; U0035624
Abdelmalki, Hafid; U0014996
Abdel Mottaleb, Yousef; U0041525
Abdel-Rahman, Abdel-Rahman Samir; U0055188
Abdollahi Asadabadi, Rouollah; U0063212
Abeel, Thomas; U0078829
Abegao Pinto, Luis; U0089285
Abels, Hemmo; U0091352
Abera, Metadel; U0061210
Abou El Asrar, Rania; U0079906
Abouelmagd, Doaa Ahmed Shehata; R0290944
Abou Zaid, Hamdy El Desouky; U0050153

Aazami, Amir Babak
Aazami, Amir Babak
Aballay, A
Aballay, Alejandro
Abbott, Kelsey
Abdelwahid, E
Abdi, K
Abdulkadiroglu, A
Abdulkadiroglu, Atila
Abdullah, Hasan
Abedini-Nassab, Roozbeh
Abe, K
Aberger, Marie
Abernethy, Amy Pickar
Abernethy, AP
Abernethy, Ashley L.
Abgrall, N
Abraham, SN
Abrahamsson, CK
Abramczyk, Robert
These were just a few uncommon exceptions, right?
These were just a few uncommon exceptions, right?

NO.
Why is this a problem?

Trust

Re-use of repository metadata
OBJECTIVE

Making it easy for repository managers to enhance and cleanup author metadata knowing that

Names are not reliable

Not everyone will have an ORCID
IMPLEMENTED FUNCTIONALITY

ORCID and DSpace Authority Control Integration
Author lookup for new submissions (UI)
Author lookup for edits on items (UI)
Author identifiers in Batch CSV editing
INTEGRATION

String representation of the name in standard Dublin Core metadata enhanced with DSpace compliant authority control id

“authority cache” stores extended contributor metadata, including ORCID ID and alternative names
Adding an author with an identifier should ideally be as easy as providing a simple name.
Describe Item

Authors:
Enter the names of the authors of this item below.

Last name, *e.g.* Smith
First name(s) + "Jr", *e.g.* Donald Jr

Person Lookup

Search: haak

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haak, Harm</td>
</tr>
<tr>
<td>Haak, Danielle</td>
</tr>
<tr>
<td>Haak, Maria</td>
</tr>
<tr>
<td>Lee, Sang Haak</td>
</tr>
<tr>
<td>Haak, Monique</td>
</tr>
<tr>
<td>Haak, Alexander</td>
</tr>
<tr>
<td>Haak, Rainer</td>
</tr>
<tr>
<td>Haak, Jeannie</td>
</tr>
<tr>
<td>Haak, Wolfgang</td>
</tr>
<tr>
<td>Haak, Laurel</td>
</tr>
</tbody>
</table>

Showing 10 results. show more

last name: Haak
first name: Laurel
orcid: 0000-0001-5109-3700
Items in this repository: no

Add This Person
Editing existing items should offer the same easy of use for administrators.
Author identifiers in Batch CSV editing

Administrator exports existing work metadata

Staff enhances contributor string names with ORCID

Administrator finalizes by re-uploading edited file

Tuesday 10 June 14
### SPREADSHEET EXAMPLE

<table>
<thead>
<tr>
<th>dc.title</th>
<th>ORCID:dc.contributor.author</th>
<th>dc.contributor.author</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORCID CSV import example</td>
<td>0000-0001-8932-6871</td>
<td>0000-0001-9152-849X</td>
</tr>
<tr>
<td>Test item 2</td>
<td>0000-0002-2276-4656</td>
<td></td>
</tr>
</tbody>
</table>

Add **ORCID identifier** to spreadsheet for batch deposit of metadata into DSpace: 
“ORCID:dc.contributor.author”

Non-ORCID authors can still be imported:  
“dc.contributor.author”
**SPREADSHEET EXAMPLE**

<table>
<thead>
<tr>
<th>dc.title</th>
<th>ORCID:dc.contributor.author</th>
<th>dc.contributor.author</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORCID CSV import example</td>
<td>0000-0001-8932-6871</td>
<td>0000-0001-9152-849X Smith, Benjamin</td>
</tr>
<tr>
<td>Test item 2</td>
<td>0000-0002-2276-4656</td>
<td></td>
</tr>
</tbody>
</table>

**Notice**
Upload successful

**Import Metadata**
Pending changes are listed below for review

New item
Add to owning collection 123456789/2 (uiop)
Add: (dc.title) ORCID CSV import example
Add: (dc.contributor.author) Smith, Benjamin
Add: (dc.contributor.author) Hancock, Roeland
Add: (dc.contributor.author) Vandekerckhove, Bram

ORCID authors are retrieved automatically, and the author’s name is displayed in DSpace
DSpace 5 Contribution

To be release in DSpace 5

Scheduled for Fall 2014

Patches for earlier DSpace 4.x and 3.x:

will be made available for download through atmire.com/website/?q=contributions

Tuesday 10 June 14
FUTURE OPPORTUNITIES

Display ORCID identifier on item pages
Link to author ORCID profile
Add ORCID identifiers to Google Scholar
<meta> tags
UI to manage DSpace Authority Control
Questions?

Thank You

www.atmire.com
Questions?

Thank You

www.atmire.com