

Sharing ORCiD IDs from Institutional Repositories

Purpose: This document describes a use case to work on at the Jisc ORCID Hackday 24th April 2018.

Status: Final

Leads:

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The challenge:

“When sharing information between institutional repositories (IRs) and other systems (such as [IRUS](#) or [CORE](#)), the standard mechanism is to use OAI-PMH, with records represented using simple Dublin Core (DC) metadata. However, simple DC, the default (and mandatory) schema used in OAI-PMH, does not include person identifiers. Although DC can easily be extended to do so, there isn't currently a 'DC+orcid' schema.”

Aims for the hackday:

Discuss and investigate:

- Options for including ORCiD IDs (and other ‘person identifiers’) in OAI-PMH feeds from IRs that could be used by CORE and IRUS
- Investigate whether ResourceSync offers options for sharing ORCiD IDs
- Representing ORCiD IDs in linked data including:
 - Schema.org ([in dev](#))
 - EPrints RDF
 - ...

Potential outcomes may include:

- Recommendations for the wider community as to how to include ORCiD IDs in repository feeds
- Code implementing such recommendations in one or more repository systems

Existing work

- For the upcoming eprints Advanced support plug-in, the following was agreed (and implemented) as the format to export ORCID IDs in RDF export from eprints.org software (based on discussions between Monica Duke (Jisc), Tom Demeranville, Owen Stephens and Stian Soiland-Reyes (mainly Stian) during late 2017).

```
<http://eprints.soton.ac.uk/id/person/ext-98efd447-4aa7-411c-86d1-955a612eceac>  
  foaf:familyName "Gibbins"^^xsd:string;  
  foaf:givenName "Nicholas"^^xsd:string;  
  foaf:name "Nicholas Gibbins"^^xsd:string;  
  owl:sameAs <http://orcid.org/0000-0002-6140-9956>  
  rdf:type foaf:Person
```

NOTE *NO* trailing slash in the URL.

- <https://www.crossref.org/blog/a-transparent-record-of-life-after-publication/>
- [The EThOS UKETD DC application profile](#)
 - https://github.com/eprintsug/oai_uketd_dc
- [CORE blog post on some of the analysis they have carried out](#)
- [IRUS UK call for exposing ORCID IDs in RIOXX metadata](#)
- <http://schema.org/Person>
- <http://xmlns.com/foaf/spec/>
- From 2014, so based on early 1.2 rc5 ORCID message schema A metadata Application Profile for ORCID <https://www.rd-alliance.org/metadata-application-profile-orcid.html>

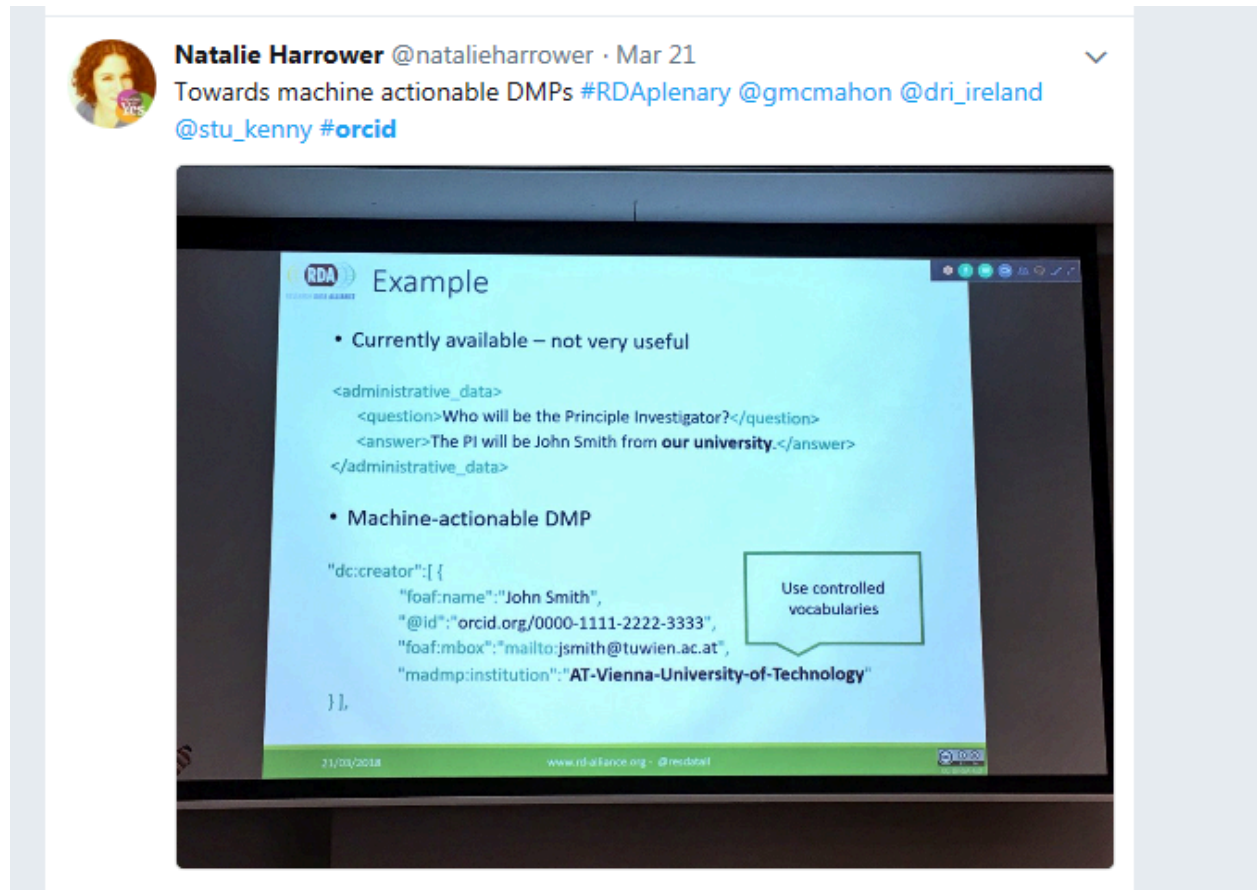
Lunchtime feedback:

oai_dc_plus - allowing IDs on any standard DC element

API - id - to - id dumps (lightweight; brief?)

- <http://www.scholix.org/>
 - <https://api.eventdata.crossref.org/v1/events/scholix?rows=100>
 - SCHOLIX hub?
 - EventData
 - Symplectic/Pure - event assertion - when a new ORCID is learned/joined/created
 -
- <http://ukorcidsupport.jisc.ac.uk/guidance/guidance-on-moving-to-orcid-2-0-api/>
- Schema.org support (TomD. - beta)

- Here is the trello card, with examples:
<https://trello.com/c/PXT8Nw3o/4774-add-schemaorg-content-for-application-Idjson-requests-to-the-record-root-on-public-api>
- Please have a look and let me know your feedback about structure. It'd be great to have a 3rd party review it!
- S3 ORCID sync: script + instructions: <https://github.com/ORCID/public-data-sync>



Apologies about crap image format for sharing, but just came across this so wanted to add as a placeholder in the category of 'examples of making ORCID IDs shareable in machine-actionable ways' proposals

29/05/18 Something that has come up in conversation with a supplier of software systems that might harvest OAI-PMH metadata:

Verified vs non-verified IDs

An additional piece of metadata that needs to travel with the ORCID ID in harvested systems to help build a trusted landscape is the assertion as to whether this ID is authenticated ie is it a verified ID? Was it collected by involving the user, with an OAuth process (as recommended best practice by ORCID see: <https://orcid.org/blog/2017/02/16/whats-so-special-about-signing>) rather than other means e.g. cut and paste? This may influence how the system downstream (the harvester) processes the ORCID ID e.g. it may suppress displaying or sharing onwards

ORCID IDs that are not verified. I have asked ORCID for a pointer to any documentation on how to indicate that an ID is verified and will share when I get more info. This is how it is done by CrossRef <https://support.crossref.org/hc/en-us/articles/214567746#ORCID> using an `authenticated=true` attribute (this seems to describe collected metadata, although afaik the same is then used when that metadata is shared on). The provenance of who is claiming that `authenticated=true` is not kept.