ORCID + repositories Directions from the Repository Task Force 2019

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Connecting Research and Researchers

ORCID.org

Repositories

"System or service that ingests, preserves and disseminates metadata and associated digital assets."

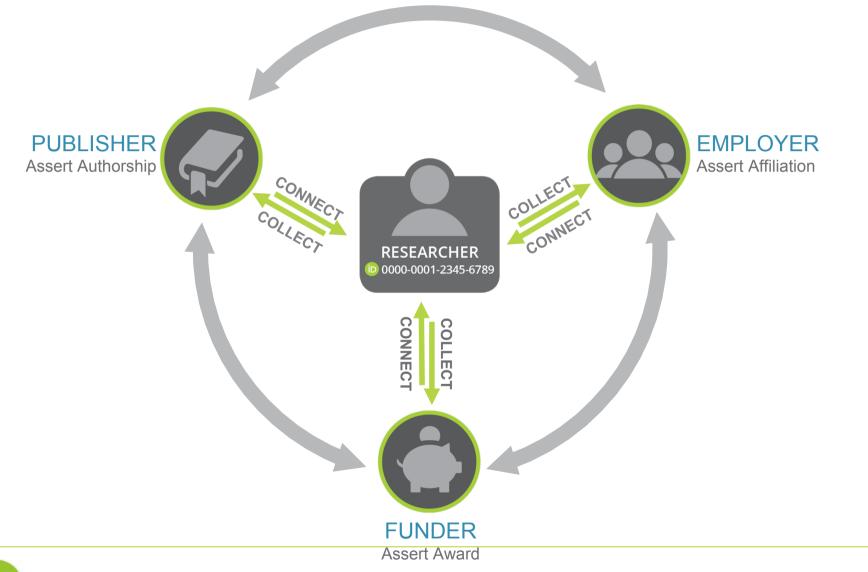
or a method of collecting and disseminating a variety of academic outputs for a community

ORCID's mission is to connect researchers, outputs, institutions, publishers and funders





INTEROPERABILITY





Plan

Repositories, ORCID then & now

Recent developments on 3 repository platforms

Highlights from the Repository Task Force



A brief history of ORCID in repositories...



Where does ORCID fit?

Author disambiguation

Connect iDs to repository author profiles

Discovery Export to ORCID, so ORCID users and data consumers can access

Ingest Import new items from ORCID



THEN (2014)

Author disambiguation

Connect iDs to authors/contributors in the repository

Discovery: Not many systems using ORCID yet, so not much for users or data consumer to use

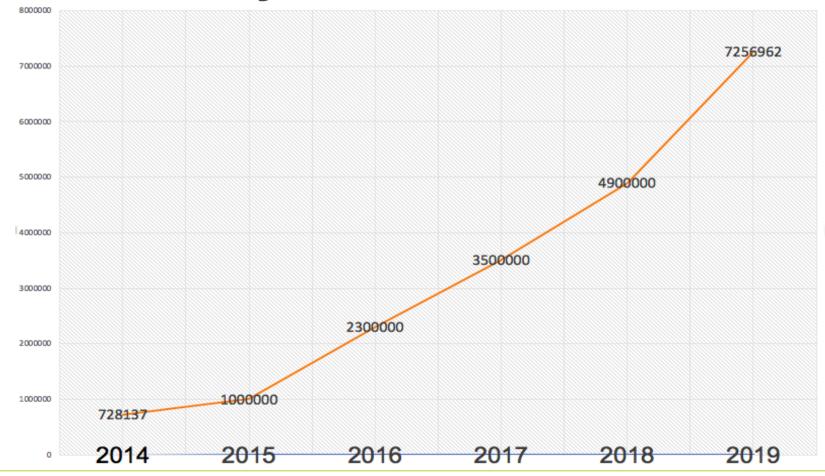
Ingest: Not much data in ORCID registry, so nothing to ingest



A whole lot has changed since then!



Live ORCID iDs: 2014–2019 currently at 7,256,962





2019 ORCID member organisations

1062 member organisations

145 in Asia/Pacific

44 members in Australia



Increased ORCID adoption in Scholarly Workflows



Adoption in scholarly workflows

- 834 members have an active integration with ORCID
- 80 publishers require ORCID iDs
- 2,510,540 works added from publishers by Crossref
- ORCID attribute in eduPerson schema for institutional sign in (LDAP)



The result? More Data in ORCID



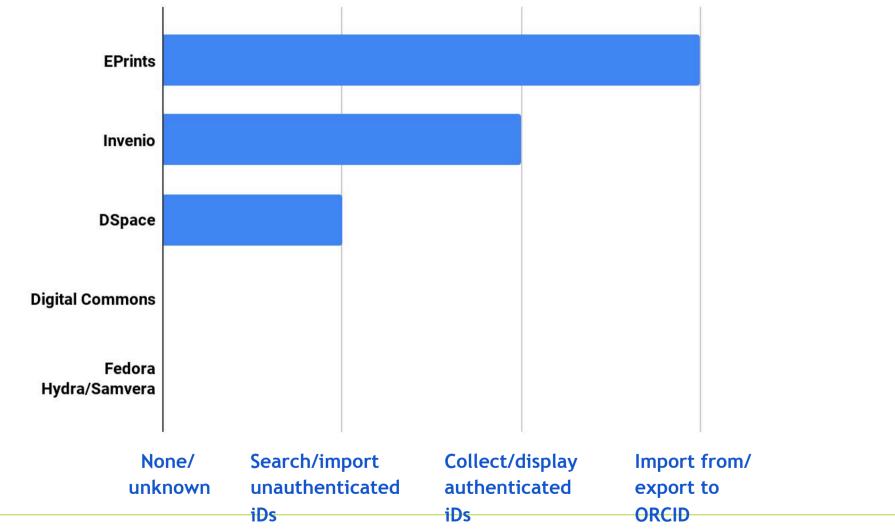
Recent developments on 3 repository platforms

 Increased connectability to ORCID through adoption of tools reflecting best practices



ORCID support on repository platforms

(core system features or supported, documented plugin)





ORCID support in repository platforms

Eprints (Murdoch, USQ) Fedora ORCID plugin (UNE) Duraspace VIVO (UOW)



ORCID support on repository platforms

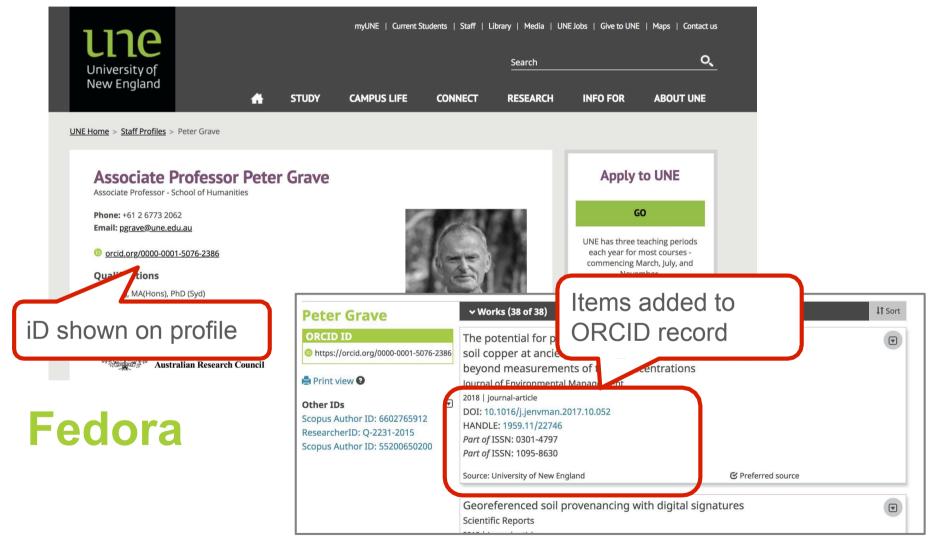
Eprints automatically meets best practices

- best practices in only allowing authenticated ORCID iDs
- best practices in displaying ORCID iDs
- best practices pushing works and affiliations to ORCID
- best practices pulling info from ORCID

streamlines all connecting functionality between ORCID, repository and researchers



University of New England





ORCID support on repository platforms

Duraspace VIVO (October 2019)

- pushing works and affiliations to ORCID
- pulling info from ORCID

currently working on pushing & pulling to and from ORCID

https://wiki.duraspace.org/display/VIVO/2019-10+Sprint



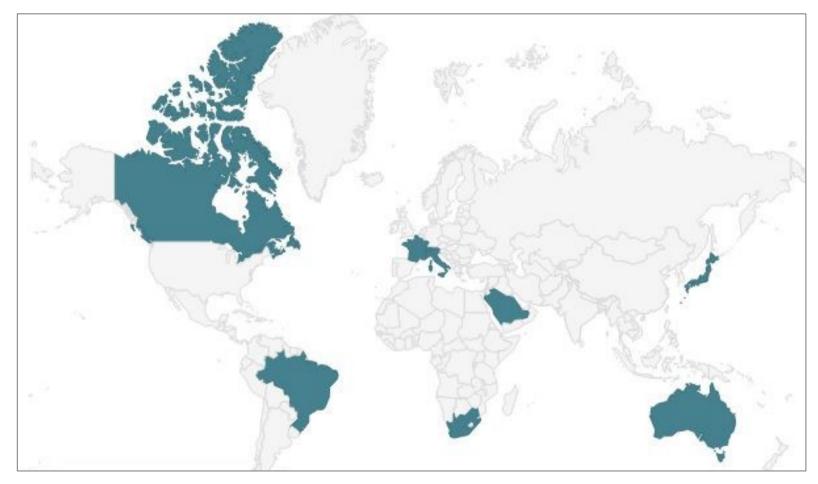
ORCID in repositories Task Force *Aug – Dec 2018*

- Define common community needs around ORCID in repository software
- Publish recommendations



Task force participants

15 members from 12 countries





(from a pool of 40+ applicants)

Task force participants

- Wesley Barry, TENET, South Africa
- Paola Galimberti, University of Milan, Italy
- Stephen Grace, London South Bank University, UK
- Daryl M. Grenz, KAUST, Saudi Arabia
- Masaharu Hayashi, National Institute of Informatics, Japan
- Salwa Ismail, Georgetown University, USA
- Bénédicte Kuntziger/Agnès Magron, CCSD, France
- Michele Mennielli, Duraspace, USA (Chair)
- Lars Holm Nielsen, CERN, Switzerland
- Sheila Rabun, LYRASIS, USA
- Andrea Szwajcer, University of Manitoba, Canada
- Washington R. de Carvalho Segundo, IBICT, Brazil
- Alicia Starr Avondale College of Higher Education, Australia
- Irine Tanudjaja, National University of Singapore, Singapore
- John Westbrook, RCSB, Protein Data Bank, USA



Process

- Aug 2018: Reviewed JISC ePrints spec
- Sept 2018: Prepared draft recommendation
- Oct/Nov 2018: Public comment period (~30 participants!)
- Dec 2018: Reviewed public comments & prepared final recommendation
- Feb 2019: Released final recommendations
 <u>https://doi.org/10.23640/07243.7777274</u>



Task force summary

Purpose

These recommendations are intended to ensure a consistent base level of support for ORCID in repository platforms, so that entities implementing those platforms are able to use ORCID effectively 'out of the box,' without the need for extensive customisation.

Scope

These recommendations are intended to support a basic level of integration with ORCID.....they serve as a starting point which will evolve as both ORCID and the scholarly communication ecosystem evolve.



Recommendations

The task force recommends that repository software platforms developed for distribution to others support these ORCID functions:



- Display ORCID iDs
- **Exchange data with ORCID**
- ((1)) Include iDs in machine-readable outputs





What now?

ORCID is working on:

- Engagement and advocacy with vendors and developers
- Documentation/support for developers implementing recommendations

Look for updates on https://orcid.org/about/news!



What now?

What can you do?

- Vendors/developers: Check out the recommendations and contact ORCID for guidance and support
- Implementers: Contact your vendor or open-source community!



Resources

- Repository Task Force recommendations: <u>https://doi.org/10.23640/07243.7777274</u>
- <u>Blog post</u> about the recommendations
- Task force charter



Thanks!

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Slides: https://orcid.figshare.com

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