Australasian Repository Interoperability Working Group

Report for CAUL Research Repository Community Event - June 2017, Brisbane

Terms of Reference

The group has the following two priorities and four supporting priorities:

1. Make recommendations for best practices and their application in the areas that will have the maximum effect in the short to medium term, especially in promoting interoperability between repositories and the wider scholarly ecosystem
2. Develop a proposal for an Australasian Repository Network including consideration how that might facilitate a national harvester.

Top supporting priority
1. Identify, and prioritise for coordination with, the most relevant international initiatives

Reports to CRAC and AOASG

Terms of Reference

Group members

Alexander Sussman - Southern Cross University + CRAC

Amanda Curnow - Massey University

Crystal Plowman - University of New England

Daniel Bangert - University of NSW

Ginny Barbour - AOASG (co-chair)

Janice Chan - Curtin University

Kate Miller - University of Waikato

Matt Brady - University of Southern QLD

Michelle Watson - Deakin

Natasha Simons - ANDS (co-chair)

Paula Callan - QUT

Robin Burgess - University of Sydney

Rudy bin Mahli - Auckland University of Technology

Stephen Cramond - University of Melbourne

Focus on interoperability

Interoperability is the core feature and technical "glue" that connects a network of repositories, related tools and services.

➢ Many challenges remain in improving interoperability
➢ Interoperability therefore requires collaboration between repositories, across countries and regions.
➢ To improve interoperability, there needs to be a common understanding of its importance and of the aspects required for repositories to interoperate well eg F.A.I.R.
➢ There are ongoing international initiatives we need to decide how (and which) we align with

Interoperability Principles (draft)

Metadata standards and vocabularies

Provides a consistent and best practice approach toward the description of research outputs

Supports the exchange of standardised metadata between institutions

Work has begun in investigating and defining the attributes of individual tags:

NISO 'Free_to_read' tag

NISO 'License_ref' tag

Deakin and UNE have successfully output the FtR tag to Trove; Deakin has also output License_ref data

Work on defining additional tags will continue into 2017

Conversations with Kathleen Shearer, COAR

International Accord strengthens ties between repository networks worldwide

Venice, Italy

A conversation with Paul Walk, RIOXX UK

Paul Walk

Head of Technology Strategy and Planning, EDINA, University of Edinburgh

http://rioxx.net/

rioxx

the RIOXX metadata profile and guidelines

Why would we benefit from a Repository Network?

What do we mean by a repository network?

What are characteristics of repository networks?

Why would one be helpful for us?

Repository Network Characteristics

Repository Network considerations

What we need to think about when forming a network

Membership

Function/purpose/scope

Governance

Key findings

1. The Australasian institutional repository community could greatly benefit from becoming members of COAR.

1. Common interoperability principles are needed for institutional repositories.

1. Key international developments are expected to take place regarding metadata exchange over the next 6-12 months, that warrant waiting.

1. There is a need for a more formal network of repositories in this region.

Next steps

Key findings open for discussion

Working group report, which includes these findings, provided to CAUL, CRAC and AOASG

Working group activities will continue through 2017 - likely to be topic based meetings (advertised via CAIRSS, anyone welcome to join in)

Seeking feedback from this group today

Group activities on website

Report on activities end of 2017