Workflows in European CRIS infrastructures: How smart are persistent identifiers?

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Agenda

• European CRIS infrastructures
  – Research Information Management (RIM) / CRIS
  – Local variants of RIM
  – RIM at your institution (poll / discussion)

• RIM at scale

• Persistent Identifiers in RIM
  – Drivers for adoption
  – Your experiences with PIDs (discussion)
Research Information Management
Research Information Management

Survey of Research Information Management Practices

Convenience and Compliance: Case Studies on Persistent Identifiers in European Research Information Management
Rebecca Bryant, Annette Dortmund, and Constance Malpas

(report coming summer 2018)
What is Research Information Management (RIM)?

The aggregation, curation, & utilization of metadata about research activities

Overlapping terms:
- CRIS (Current Research Information System)
- RIS (Research Information System)
- RNS (Research Networking System)
- RPS (Research Profiling System)
- FAR (Faculty Activity Reporting)
RIM Metadata

Research Outputs
- Patents
- Grants & Projects
- Equipment

Research Information
- Instructional History
- Activities, Service, Awards
- Media Reports
- Researchers, Affiliations, Collaborators
- Statements of Impact

"RIM Metadata" by OCLC Research, from Research Information Management: Defining RIM and the Library’s Role (doi.org/10.25333/C3NK88), CC BY 4.0
RIM Uses
Case Study: La Trobe University

Research Repositories
- Research Online Repository
- Research Data Management Planning Tool
- My Publications

Research Information

Profiles
Staff Profiles

External Research Assessment
External Ranking Agencies

Internal Reports
Research Performance Reporting

Annual Academic Progress Reviews
Academic Workload Planning

Reuse

Awards/Grants Management
For reflexion

1. What are the biggest problems vexing you in overall research information management at your institution?
2. Do library questions and goals in this area intersect with other institutional problems and goals?
RIM at scale
Germany

Person PIDs in use:

id

RIM id

id

id

id
Persistent Identifiers and RIM
What are Persistent Identifiers (PID)?

“Long-lasting reference to a (digital) object that gives information about that object regardless what happens to it.”

Types:
- Digital Object Identifiers (e.g. DOI)
- Person Identifiers (e.g. ORCID, ISNI, DAI)
- Organization Identifiers (e.g. GRID, ISNI)

- PIDs ≠ authority files
- Not every ID is a PID
- OCLC ≠ ISNI

Definition based on: http://dictionary.casrai.org/Persistent_identifier
Research Project

• OCLC Research & LIBER, 2016/2017
• Adoption of PIDs in European RIM
• Case studies on Finland, The Netherlands, Germany
• Report „Convenience and Compliance“ (with Constance Malpas), 2017

doi:10.25333/C32K7M
also via oc.lc/rim
Interview partners

- **Netherlands**: Leiden University, VU Amsterdam, University of Amsterdam, Radboud University / euroCRIS, DANS, SURF
- **Germany**: University of Münster, University of Kassel, Friedrich-Alexander-Universität Erlangen-Nürnberg, BASE Bielefeld, German National Library
- **Finland**: Aalto University, University of Eastern Finland, University of Jyväskylä, University of Helsinki, CSC
- **PID organizations**: ORCID & ISNI
Drivers of PID adoption in RIM

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Drivers of PID adoption in RIM

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→ It helps capture research activity and outputs efficiently.
Wait a minute: What about organizational PIDs?
With so many PIDs around: Which one to pick? Where to invest?
Summary

• Standards & good practice ... are modest incentives
• PID(s get adopted when they solve someone's problem
• Data (ingest) workflows drive PID adoption in RIM
• Scaled infrastructure can support PID adoption
• Mandates strongly support PID adoption – if culturally acceptable
• Smart libraries can help get researchers on board!
Polling questions/discussion

Go to www.menti.com and use the code 34 60 26

1. How are identifiers helping you? [poll]
2. What do they need to do better? [poll]
3. Do you think that identifiers are essential for interoperability?
4. Participant questions
Thank you

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References

