Adoption and Integration of Persistent Identifiers in European Research Information Management – Preliminary Findings –

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Because what is known must be shared.℠
What is Research Information Management (RIM)?

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

Overlapping terms:
- CRIS (Current Research Information System)
- RNS (Research Networking System)
- RPS (Research Profiling System)

• RIMs ≠ researcher platforms like ResearchGate or Academia.edu
• RIM ≠ Research Data Management (RDM)
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: [http://dictionary.casrai.org/Persistent_identifier](http://dictionary.casrai.org/Persistent_identifier)
Why study PIDs in RIM?

• Research institutions increasingly engaged in RIM

• **Scaling** efforts
  at national and transnational level

• Advancing technologies & standards
  offer new opportunities for **interoperability**
  and **discoverability**

• PIDs expected to be playing a **key role** in
  these developments
Why us? OCLC Research

• Community resource for shared Research and Development (R&D) since 1978
• Devoted to challenges facing libraries and archives
• Engagement with OCLC members and the community around shared concerns

OCLC Research & RIM

ORLP working groups
• Survey on Research Information Management Practices (in collaboration with EuroCRIS)
• Value proposition of libraries in RIM

Webinars
Listserv
RESEARCH PROJECT

Adoption and Integration of Persistent Identifiers in European Research Information Management
Project Information

• “Adoption and Integration of PIDs in European RIM“

• Examining the nexus of RIM with persistent identifiers
• Focus on person and organizational identifiers
• Objective:
  Gain useful insights on emerging practices and challenges in research management at different levels of scale
Project team

OCLC Research
• Rebecca Bryant (lead)
• Annette Dortmund
• Constance Malpas

in collaboration with LIBER
• Kristiina Hormia-Poutanen (National Library Finland)
• Birgit Schmidt (State and University Library Göttingen)
• Esa-Pekka Keskitalo (National Library Finland)
Case Study Approach

- Investigate RIM practices in three national contexts: Finland, Germany, and the Netherlands
- Desk research followed by semi-structured interviews
- Focus on adoption and integration of persistent identifiers; identify incentives for adoption
- Investigate potential links between PID adoption and different levels of scale
Interview partners

- **Netherlands**: Leiden University, VU Amsterdam, University of Amsterdam, Radboud University / euroCRIS, SURF
- **Germany**: University of Münster, University of Kassel, FAU (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
# Project schedule

<table>
<thead>
<tr>
<th>Task</th>
<th>Timeline</th>
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<tbody>
<tr>
<td>Define research scope</td>
<td>Winter 2016-2017</td>
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<tr>
<td>Desk research</td>
<td>Later winter 2017</td>
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<tr>
<td>Interviews</td>
<td>Spring 2017</td>
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<tr>
<td>Synthesis &amp; writing</td>
<td>Summer &amp; fall 2017</td>
</tr>
<tr>
<td>Publish research report</td>
<td>Late fall 2017</td>
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<tr>
<td>Additional webinars &amp; presentations</td>
<td>2018</td>
</tr>
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NATIONAL INFRASTRUCTURES
Netherlands
Person PIDs (NL): Established national standard

Incentives:
• Internal (publication management, researcher profiles …)
• External (National mandate for DAI, OA mandate, wish to internationalize …)
• Scaling (consortial efforts, data sharing opportunities, …)

Efforts to internationalize the existing national standard (DAI to ISNI/ORCID).
Finland

Person PIDs in use:

VIRTA / Juuli
Person PIDs (FI): Strong incentives

Incentives:
- Internal (publication management, researcher profiles, need for unique persistent IDs …)
- External (Publishers requesting ORCID iD, complete data on publications for national funding …)
- Scaling (planned national research information hub, open science …)

Barriers: Not required by funders at the outset. ROI unclear.
Germany

BASE (Repository)

Person PIDs in use:

RIM Germany BASE (Repository)
Person PIDs (DE): „There are no external incentives“

Incentives:
- Internal (publication management, researcher profiles, …)
- External / scaling (standards, good practice) [very limited]

Barriers: Not required by funders, no real need in absence of regional or national RIM scaling efforts. ROI unclear. Effects of ORCID links with BASE and national authority file GND yet unknown.
Infrastructures in comparison
FURTHER OBSERVATIONS
Top down vs. bottom up

Mandates drive RIM and PID adoption today
- Impact assessment (national, funder)
- Open access (national, funder)
- Requirement of ORCID iDs by funders, publishers
- Concern: Loss of institutional autonomy / control

Convenience important to drive researcher engagement
- ORCID auto-update capabilities
- ORCID integration into identity management
Much interest, little activity. „Watching the space.“

- No urgent need, no immediate problem to solve.
- Big need, but too complex to solve alone.
- ICT organizations brainstorming options for (temporary) work-arounds at national level, but no firm plans yet.
- Getting funders on board will be very important for adoption of whatever PID develops.
Role of Researchers in RIM

Broad range of view on researcher role in RIM.

Ranging from **full responsibility** - “it is their job to register their publications”

to some responsibility / role - requesting researchers to enter information, support from support desk or library to do so
to no responsibility / role - “researchers do not touch the CRIS” [as an option preferred by the admins!]
WHAT’S NEXT?
What’s next?

- Upcoming blog post on hangingtogether.org
- Report to be published in late fall this year
- Webinars & presentations in 2018
- OCLC Research in progress (ORLP)
  - Survey of Research Information Management Practices
    Opens in late 2017, in collaboration with euroCRIS
  - Research report on the valuable roles of libraries in RIM (Fall 2017)
Stay tuned

c.lc/rim

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Discussion

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