

Technologies, Metadata, and Repository Platforms: Persistent Identifiers beyond Articles

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Summit for Academic Institutional Readiness in
Data Sharing (STAIRS)

DATA CURATION NETWORK

Persistent Identifiers: Beyond DOIs for articles

Identifying key parts of research:

Articles → DOI (Crossref)

Datasets → DOI (DataCite)

Institutions → ROR

Researchers → ORCID

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Persistent Identifiers: Benefits

- Machine-actionable
- Dependable over time
- Addresses a diverse set of drivers
 - Credit (*Researchers*)
 - Transparency (*Funders*)
 - Data-driven decisions (*Institutions*)
 - Increased visibility (*All*)



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Persistent Identifiers: Challenges

- Interoperability
 - Consistent standards
 - How do these systems work together?
- Data Governance
 - Multiple data sources
 - What is the source of truth?
- Cultural
 - Decentralization / Silos
 - How do we align policies?



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Persistent Identifiers: Conversation Starter

How do we build an interconnected information system between outputs, researchers, institutions, and instruments?



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