



Connecting Research
and Researchers

ORCID and CERIF

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What is ORCID?

ORCID is an infrastructure that provides unique Person Identifiers.

ORCID is a hub for linking identifiers for people with their activities.

ORCID is researcher centric with 1.7 million registered identifiers.

ORCID records are managed by the researcher themselves.

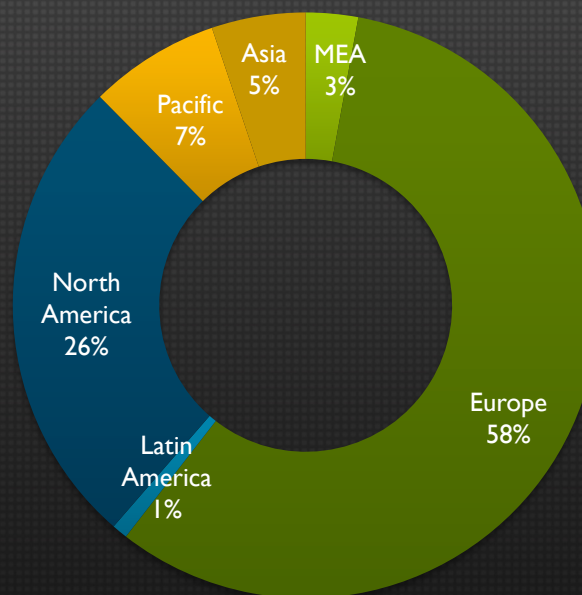
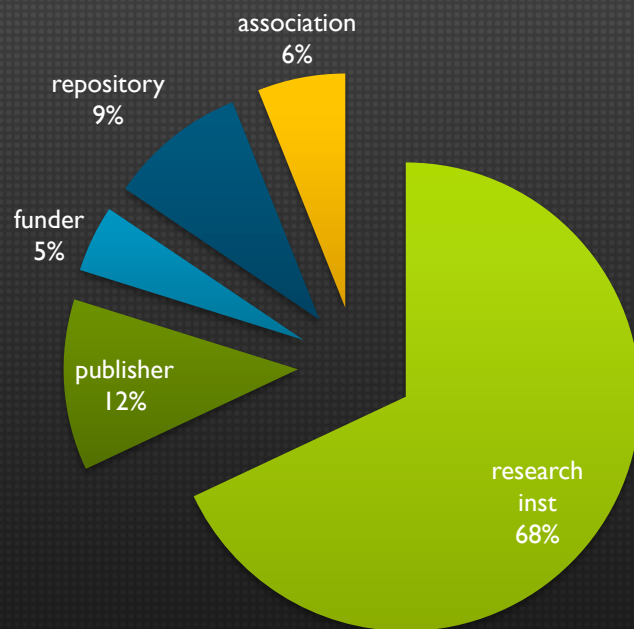
ORCID is open source, community governed and non-profit.

ORCID has a public API that allows querying of non-private data.

ORCID has a member API that enables updating and notifications.

ORCID IDs are associated with over 4 million unique DOIs

347 members, 4 national consortia, over 200 integrations



What ORCID isn't

ORCID is not a CRIS system

ORCID is not a researcher profile system

ORCID is not a research activity metadata store

CERIF and ORCID explained

One - ORCID is a CERIF federated identifier for people

Two - ORCID will be a CERIF XML source for person centric data

The role of ORCID IDs in CERIF

ORCID IDs play a crucial disambiguation role within an interoperable CRIS infrastructure.

ORCID IDs enable matching researchers across institutional and infrastructure boundaries.

ORCID as a CERIF provider

ORCID will be A CERIF XML source via upcoming ORCID V2 API. Working with CERIF TG.

ORCID will link person federated identifiers

- ISNI, ScopusID, ResearcherID, National IDs

ORCID will provide alternative names

- Credit name, Given, Last, Other names

Research outputs

- ORCID includes publications, patents, datasets, software, peer reviews and more.
- ORCID could expose these researcher curated and auto-updated outputs and their persistent identifiers to the wider CRIS ecosystem via CERIF
- Exposing publications and patents is straightforward.
- More work is required to map ORCID activities to CERIF products.

Other entities

E.g. Organisations and Projects

This is a first draft

We're gathering community requirements
and looking at use cases

Organisations

CERIF and ORCID represent organisations differently. Work is required to understand conceptual differences as well as vocabularies. **Org identifiers play a crucial role.** Org ID landscape is fragmented. More research is needed.

- ORCID models person-organisation relationships in three ways: Funding, Education, Employment
- CERIF models organisations as research producers, funders, publishers and facility operators.

Projects

CERIF considers projects as first class entities.

- This is a Good Thing.
- Few other systems do this.
- Persistent Identifiers for projects required

Project THOR

THOR has identified gaps in the persistent identifier landscape. These include organisation IDs and project IDs.

THOR will be working to examine how CERIF could inform future persistent identifier development for projects and organisation IDs, and how this relates to existing identifier systems.



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Thanks

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