



Beyond identification: Provenance management with ORCID and CRediT

RDA Deutschland Tagung 2022, 22nd of February 2022





What's in a name?

Most names are not unique

S.M.
Hernandez
Garcia

S. Garcia

蘇菲亞

اي فوس

소피아

Many people have the same or similar name, and names may change through marriage or other circumstances.



Individuals and organizations can use different alphabets, abbreviations, or naming conventions.



People use different versions of their names during their career.

ORCID's Mission

ORCID's mission is to **enable transparent and trustworthy connections** between **researchers**, their **contributions**, and their **affiliations** by providing a **unique, persistent identifier** for **individuals** to use as they engage in **research, scholarship, and innovation activities**.

The ORCID iD

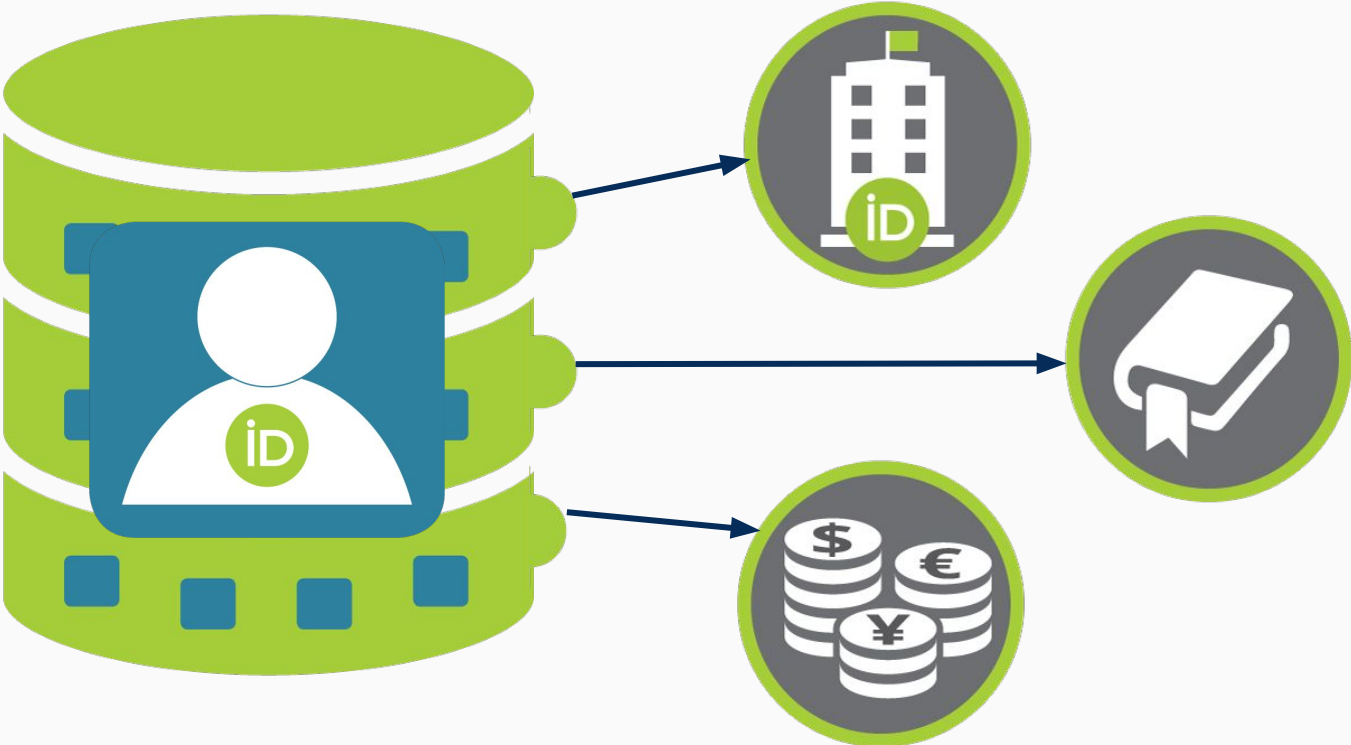


<https://orcid.org/0000-0001-2345-6789>

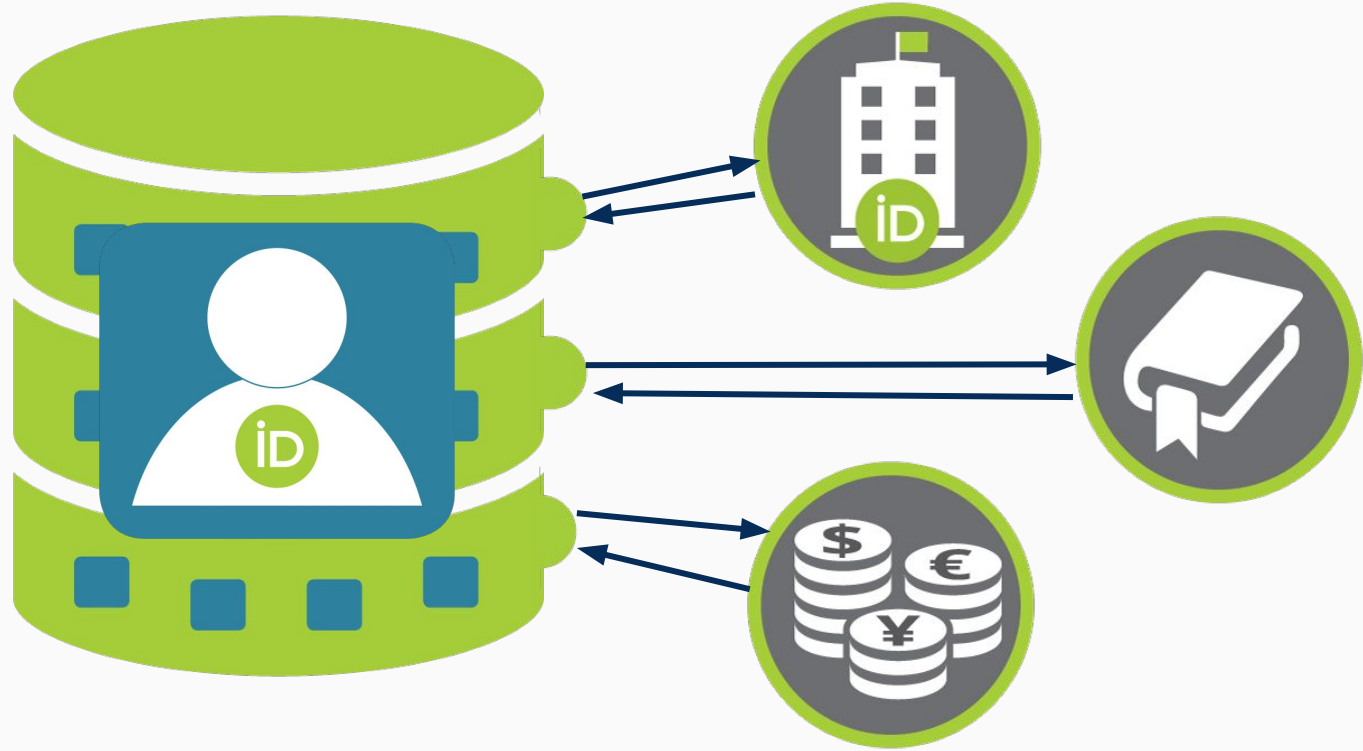
An ORCID record



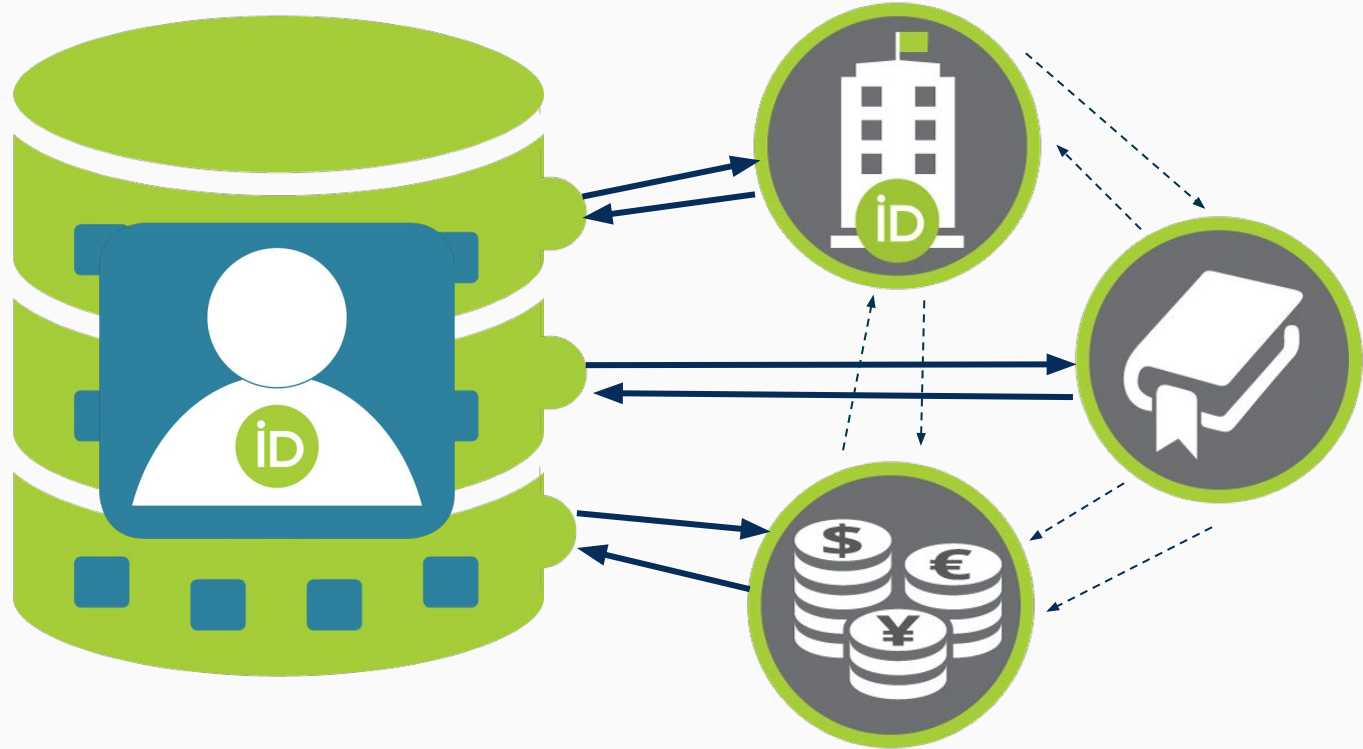
Application Programming Interfaces (APIs)



Application Programming Interfaces (APIs)



Application Programming Interfaces (APIs)



The data source

Internet of Samples (iSamples): Toward an interdisciplinary cyberinfrastructure for material samples

GigaScience
2021 | Journal article
DOI: [10.1093/gigascience/giab028](https://doi.org/10.1093/gigascience/giab028)

[Show](#)

Added
2021-05-20

Last modified
2021-05-20

Source: Smithsonian Institution

The High-energy Radiation Environment around a 10 Gyr M Dwarf: Habitable at Last?

The Astronomical Journal
2020-11 | Journal article
BIBCODE: [2020AJ....160..237F](#)
DOI: [10.3847/1538-3881/abb465](https://doi.org/10.3847/1538-3881/abb465)
ARXIV: [2009.01259](https://arxiv.org/abs/2009.01259)

[Show me](#)

Source: NASA Astrophysics Data System ★ Preferred source ([Close other sources](#))

The High-energy Radiation Environment around a 10 Gyr M Dwarf: Habitable at Last?

Source: Lisa Kaltenecker via Scopus - Elsevier

Unleash the Potential of your Website! 180,000 webpages from the French Natural History Museum marked up with Bioschemas/Schema.org biodiversity types

Biodiversity Information Science and Standards
2020-09-29 | Journal article
DOI: [10.3897/biss.4.59046](https://doi.org/10.3897/biss.4.59046)

[Show less detail](#)

URL
<https://doi.org/10.3897/biss.4.59046>

CONTRIBUTORS

Franck Michel (author)
Gargominy Olivier (author)
Benjamin Ledentec (author)
The Bioschemas Community (author)

Citation (bibtex)

```
@article{Michel_2020, doi = {10.3897/biss.4.59046}, url = {https://doi.org/10.3897%2Fbiss.4.59046}, year = 2020, month = {sep}, publisher = {Pensoft Publishers}, volume = {4}, author = {Franck Michel and Gargominy Olivier and Benjamin Ledentec and The Bioschemas Community}, title = {Unleash the Potential of your Website! 180,000 webpages from the French Natural History Museum marked up with Bioschemas/Schema.org biodiversity types}, journal = {Biodiversity Information Science and Standards} }
```

Added
2020-09-29

Last modified
2020-09-29

Source: Crossref



Support for CRediT

Added **CRediT roles** to the existing list of contributor roles

- Just roles - no degree of contributions
- Available for members using API v3.0
- Visible in the UI

Next Up

- Increase **adoption**
- Allow users to select CRediT roles in the UI



Contributors

bernard bertrand (conceptualization, 0000-0001-8888-3976)
bernard bertrand (methodology, 0000-0001-8888-3976)
bernard bertrand (project administration, 0000-0001-8888-3976)
bernard bertrand (writing – original draft, 0000-0001-8888-3976)
bernard bertrand (writing – review & editing, 0000-0001-8888-3976)

Country of publication

United States

Added

2021-08-18

Last modified

2021-08-18

CRedit roles in the record

Soil greenhouse gas emissions from Australian sports fields...	
Journal article	Show less detail
DOI:	10.1016/j.scitotenv.2019.134420
DOI:	rescognito.com/10.1016/j.scitotenv.2019.134420
Language	
English	
URL	
https://doi.org/10.1016/j.scitotenv.2019.134420	
CONTRIBUTORS	
Greg Dingle (funding acquisition, 0000-0003-0931-6303)	
Greg Dingle (writing – review & editing, 0000-0003-0931-6303)	
Country of publication	
United States	
Added	
2022-02-09	
Last modified	
2022-02-09	
Source: Rescognito	



Support for ROR (Stage 1 - APIs)

Adding ROR IDs to the list of supported Organization IDs



ROR IDs are now supported alongside Funder Registry IDs, GRIDs and RINGGOLD IDs

Next Up

- Increase **adoption**
- ROR will become the preferred ID for all user interface items
- Adding ROR data to the UI for users to manually select when adding affiliations

Adoption of ROR

Okinawa Institute of Science and Technology Graduate University: Onna-son, Okinawa, JP

2018-09-01 to present | PhD Student (Graduate School)
Education

[Show less detail](#)

Organization identifiers

ROR: <https://ror.org/02qg15b79>

Okinawa Institute of Science and Technology: Onna Son, JP
<http://www.oist.jp/>

Other organization identifiers provided by ROR

FUNDRF: [501100004199](#) (preferred), [100007714](#) , [100007715](#)

GRID: [grid.250464.1](#) (preferred)

ISNI: [0000000098052626](#)

ORGRF: [15696195](#)

WIKIDATA: [Q7082022](#)

WIKIPEDIA_URL: [https://en.wikipedia.org/wiki/Okinawa Institute of Science and Technology](https://en.wikipedia.org/wiki/Okinawa_Institute_of_Science_and_Technology) (preferred)

Added

2022-01-08

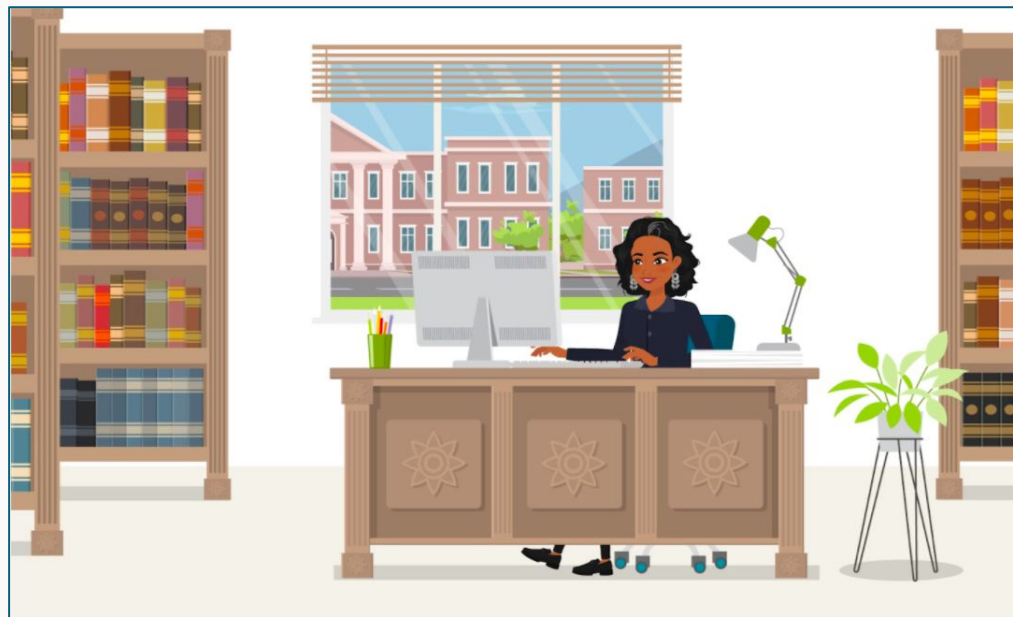
Last modified

2022-01-08

Source: Okinawa Institute of Science and Technology *via* ORCID Member Portal



Stay up to date with the research that comes from your scholars – while making their lives easier.



Name disambiguation. Have confidence that you have correctly identified contributions from your researchers, regardless of the popularity or variability of their names.



Better research connections. Follow your researchers' careers even after they leave your institution. Keep better track of collaborators and peers at other institutions.



Reduce costs. Reduce the costs required to track the research that comes from your institution by automatically accessing authoritative trusted publication and funding data from your researchers' ORCID records.



Improved visibility of outputs. Improve the visibility of your researchers' outputs and ensure they get the recognition they deserve by automatically writing authoritative, trusted affiliation data via integration with the ORCID registry.



Reduced administrative burden. Increase both efficiency and quality in critical processes like assessment exercises. Avoid time spent re-entering data during submission, review, and reporting. When your researchers have more time to spend on research, you save money!



Interconnected infrastructure. The ORCID registry is an open, interconnected hub of profile data. By integrating with ORCID, you can contribute affiliation data and extend the reach of your systems. Sharing data with ORCID can help you to avoid being locked into costly, proprietary systems.





Thank you very much for attention