

No persistent Identifiers (PIDs)? No data management!

National EOSC CZ Conference 2025

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National Library of Technology



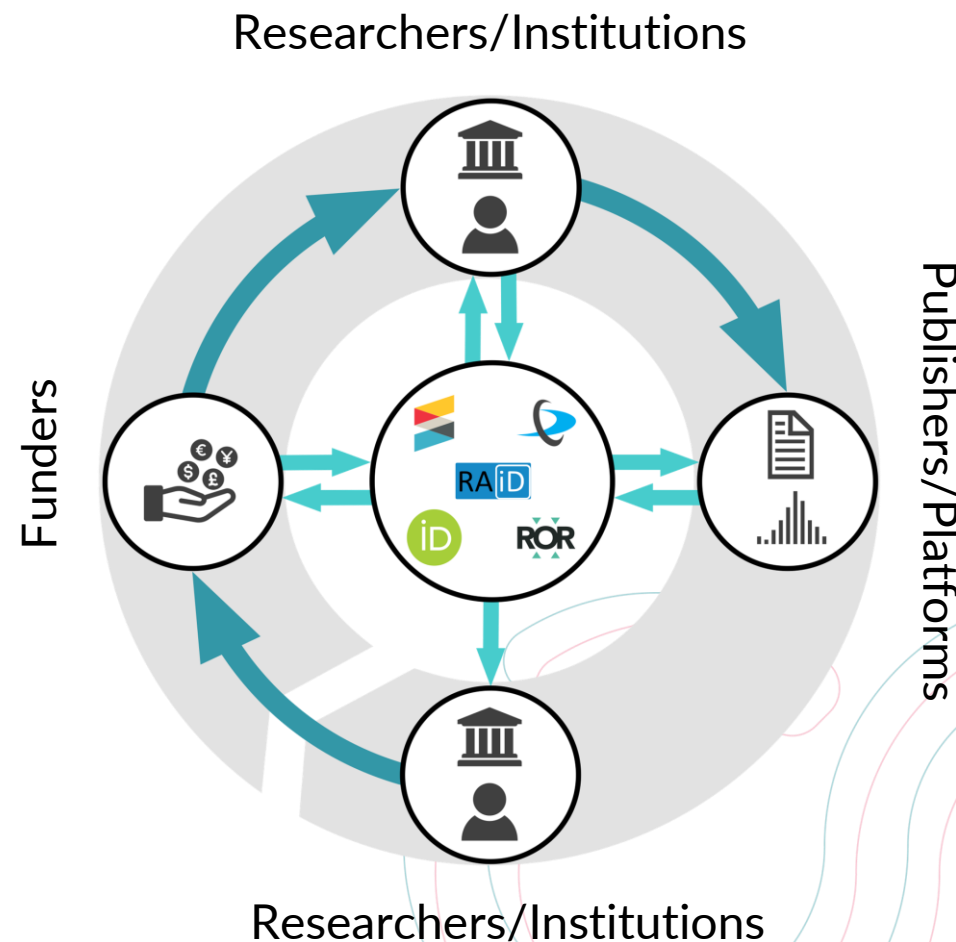
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Why PID matters?

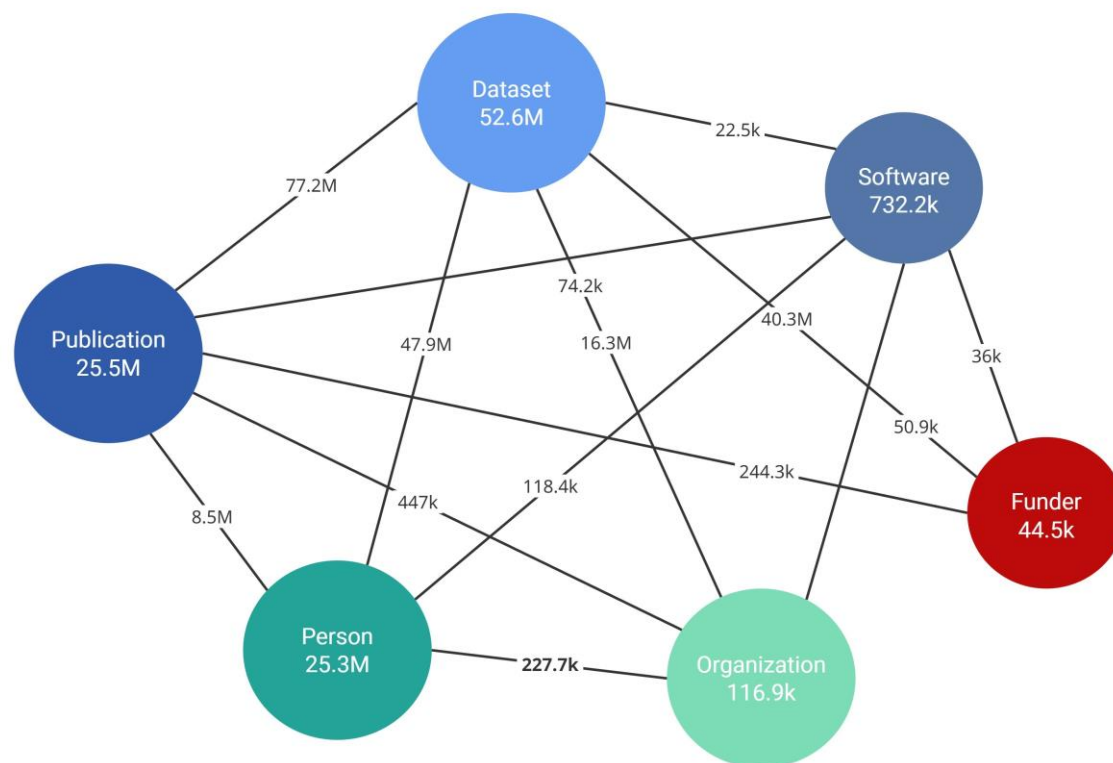
PIDS...

- are unique
- don't change
- are connected to each other
- can be read by computers
- save effort and time when finding and compiling information
- support a range of policy priorities (i.e. FAIR principles)



Brown, J., Jones, P., Meadows, A., & Murphy, F. (2022, listopad 24). How to save \$24M a year in researcher time. Zenodo.
<https://doi.org/10.5281/zenodo.7357862>

Research is a graph... ...connected through the power of metadata



Gould, M., & Wimalaratne, S. (2025). 100 Million DataCite DOIs: More than Just a Number. DataCite. <https://doi.org/10.5438/9EES-7X18>

DataCite Commons

National Library of Technology

<https://ror.org/028txef36>

280

Works

10

Citations ?

Founded 1718

Links

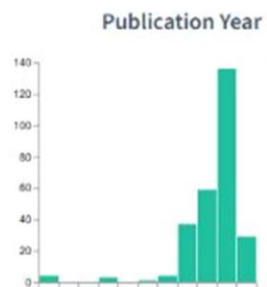
[Homepage](#)[Wikipedia](#)

Geolocation

50° 05' 16.944" N, 14° 25' 14.736" W

[Czech Republic](#) [Archive](#) [DataCite Consortium](#)<https://ror.org/028txef36>

280 Works



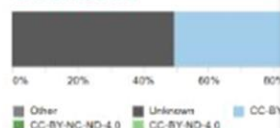
Work Types

Conference Paper 58%



Licenses

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Martin Schätz

Martin Schaetz, Martin Schatz

Accessibility Achievements



71% of the researcher's associated DOIs have metadata with rights as CC-BY, CC0 or public domain license.



Congratulations, you hit the trifecta. You have an open access paper, open dataset, and open source software.

[FEEDBACK](#)

63 Works

Filter Works

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Co-Authors ?

- ☐ Rubesová, Olga
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- ☐ Hilman, Matyáš
- ☐ Máhlerova, Karolina
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- ☐ Fejfar, Jindrich
- ☐ Jilková, Adela
- ☐ Spark, Alan

Publication Year

- ☐ 2025
- ☐ 2024
- ☐ 2023
- ☐ 2022
- ☐ 2018

Work Type

- ☐ Software
- ☐ Text
- ☐ Other
- ☐ Dataset
- ☐ Image
- ☐ Interactive Resource
- ☐ Journal Article
- ☐ Conference Paper
- ☐ Event
- ☐ Report

License

- ☐ CC-BY-4.0
- ☐ appl-1.0-or-later
- ☐ other-open

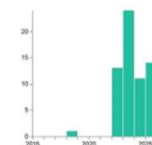
Language

- ☐ English
- ☐ Czech

Registration Agency

- ☐ DataCite
- ☐ Crossref

Publication Year



FAIR příručka pro Data Steward komunitu v ČR

Karolina Podloucká, Adela Jilková, Jan Skůpa, Jindrich Fejfar, Eliška Pospichalová, Eliška Blažková, Matyáš Hilman & Martin Schätz

Manual published 2025 in National Repository for Documents - Community for EOSC CZ

Dokument je určen pro pracovníky na pozici data steward se základní orientací a znalostmi v oboru. Přináší přehled a popis jednotlivých prvků FAIR principů, které byly poprvé definovány a publikovány v roce 2016 a v současné době již jsou plnou součástí cyklu vědeckých dat. Příručka vychází z podkladů rozpracované FAIR data příručky, rozvíjí ji a obohacuje o praktické části. Cílem dokumentu je seznámit data stewardy s definicí FAIR principů. K lepšímu pochopení dané problematiky navíc přináší i praktické příklady v jednotlivých sekcích. Nad rámec základních principů nabízí příručka rozšířené kapitoly, které autoři pokládají za podstatné k dokreslení celé problematiky. Věnuje se tak i více technickým tématům jako anonymizace dat, sémantická interoperabilita nebo strojová funkce. Téma jsou podstatná v mezinárodní spolupráci nebo i pro data stewardy působící v instituci s širokým vědeckým zájmem.

DOI registered March 19, 2025 via DataCite.

[Text](#) [Czech](#)<https://doi.org/10.71495/hxfic-6f57>

Research Data Management and how not to get overwhelmed with data

Martin Schätz

Version 1.0.0 of Presentation published 2022 in Zenodo

Research data management and how not to get overwhelmed with data presentation is an overview of bioimage analysis with a focus on the basics for data management planning, FAIR principles, and how to practically organize folders and prepares naming convention. The presentation includes an overview of metadata, Creative Commons licenses, and a sum up of electronic laboratory notebooks. The last two slides go through how all of that works in practice in open access core microscopy facility.

DOI registered October 17, 2022 via DataCite.

[Text](#) [English](#)<https://doi.org/10.5281/zenodo.7215334>

martinschatz-cz/SciCount: v1.0.0 with reusable example notebooks

Martin Schätz, Lukáš Mrazek & Karolina Máhlerova
Version v1.0.0 of Content published 2022 in Zenodo

uses on Bioimage Analysis, biomedical
is also part of an open-access
n Technical Cybernetics from the
g in Data Stewardship, Research
an active member of various
in different service roles, including
Chemistry and Technology. As an
s advancing the principles of open
ows researchers to have a
association also contributes to the
highlights the importance of Open
ties and support play in advancing this

Other Profiles

[ORCID](#)
[Impactstory](#)
[Europe PMC](#)

What's the value? Your time

- By MoreBrains Cooperative Ltd. (UK)

United Kingdom (2021, 2022)



Savings:

55 000 man-days / year

(45 mil. GBP in 5 years)

(<https://doi.org/10.5281/zenodo.7356219>)

Australia (2022)



Savings:

38 000 man-days / year

(24 mil. AUD per years)

(<https://doi.org/10.5281/zenodo.7100578>)

Ireland (2024)



Savings:

4 000 man-days / year

(1,6 mil. EUR in 5 years)

(<https://doi.org/10.7486/DRI.nz80kt123>)

Czech Republic (2024)



Savings:

7 270 man-days / year

(165 mil. CZK / 6,8 mil. EUR in 5 years)

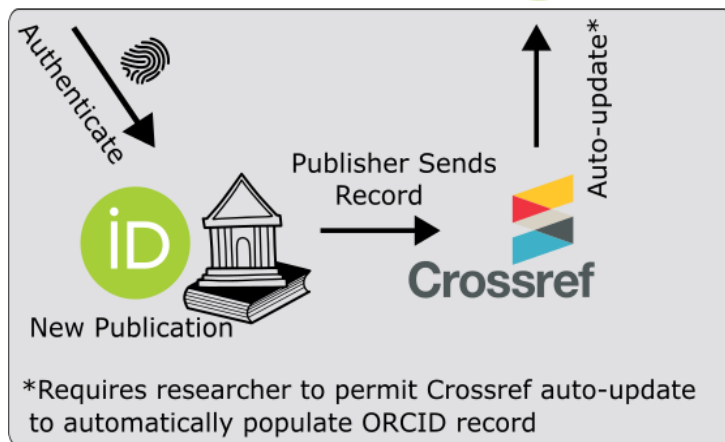
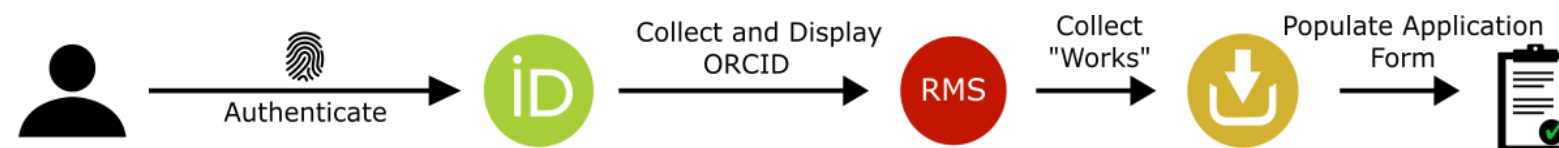
(<https://doi.org/10.48813/x4vd-yj13>)

Use-case of PID integration

Before using ORCID, an average application used to take a few weeks; “formatting took time, getting the publications right took many days of work”. This took time away from the actual grant process.

- Joe Shapter

Pro-vice-Chancellor, University of Queensland



This saved me 3-4 days per grant application
- the difference in workload was staggering!"

- Joe Shapter

Pro-vice-Chancellor, University of Queensland

Brown, J., Jones, P., Meadows, A., & Murphy, F. (2022, listopad 24). How to save \$24M a year in researcher time. Zenodo. <https://doi.org/10.5281/zenodo.7357862>

Complete Joe's story



Making Life Easier **JOE'S ORCID STORY**

We recently chatted with Joe Shaper, the Pro-Vice-Chancellor (Research Infrastructure) at the University of Queensland (UQ), to learn more about how his ORCID ID has helped him when applying for grants.

Joe shared with AAF how his ORCID record was first registered when he was at Flinders University and it continued to be populated when he made the move to UQ. His record is set up so that it automatically populates with his research outputs as they're being released and that "it takes no effort at all – it just happens".

To make life easier, Joe publishes with a set of publishers who already have his ORCID ID, meaning he no longer needs to provide his details each time. All he does is type his name into

the publishing system and up comes his ORCID ID. "It makes life so much easier", Joe claims, as he doesn't have to do anything now.

Further benefits are notable when submitting papers; "It's not only that my ORCID

for others to be able to search and look at his most recent publications.

"What is critical is that my ARC record is getting updated, which is a mountainous saving of work for me and helps with keeping my CV easily up-to-date".

Joe has been applying for Australian Research Council (ARC) grants for the past 20 years and in the early days this would always require submitting documents, an updated CV and your publication record - "it was an annual process". Even

if your CV was already up-to-date there "was still a pile of work to do" for example, "you might have to say what past grant funded the work or which of these papers that you're listing is related to the current application".

**IT TAKES NO
EFFORT AT
ALL - IT JUST
HAPPENS**

record is getting updated, but some of the other things that use my ORCID record are also getting updated, for example, an internal publication list at UQ". The ORCID record is populated with research outputs as they are released, allowing

No PIDs, no data management!

Thank you for using PIDs

 identifikatory@techlib.cz

 www.identifiers.cz



Co-funded by
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Resources

- Brown, J., Jones, P., Meadows, A., & Murphy, F. (2022). How to save \$24M a year in researcher time. Zenodo. <https://doi.org/10.5281/zenodo.7357862>
- Gould, M., & Wimalaratne, S. (2025). 100 Million DataCite DOIs: More than Just a Number. DataCite. <https://doi.org/10.5438/9EES-7X18>
- Brown, J., Jones, P., Meadows, A., & Murphy, F. (2022). Revised cost-benefit analysis for the UK PID Support Network (Version 1). Zenodo. <https://doi.org/10.5281/zenodo.7356219>
- Brown, J., Jones, P., Meadows, A., & Murphy, F. (2022). Incentives to invest in identifiers: A cost-benefit analysis of persistent identifiers in Australian research systems. Zenodo. <https://doi.org/10.5281/zenodo.7100578>
- National Open Research Forum, & MoreBrains Cooperative. (2024). Efficiency and insight: a cost-benefit analysis for a central service to support persistent identifier implementation in Ireland. Digital Repository of Ireland; Digital Repository of Ireland. <https://doi.org/10.7486/DRI.nz80kt123>
- Jones, P., Brown, J., Meadows, A., & Murphy, F. (2024). A cost-benefit analysis for PID implementation in Czechia. National Library of Technology. <https://doi.org/10.48813/X4VD-YJ13>