About DataCite

Global non-profit membership organization working with 2200+ repositories around the world to provide DOIs for data and other research outputs.

https://datacite.org/
Connecting research, identifying knowledge
What we do
Can I register a DOI for that?
In most cases, yes!


DataCite DOIs by resource type

- Dataset: 44.7%
- Text document types: 30.7%
- All other types: 24.5%
Our value

Registering DataCite DOIs makes your research outputs discoverable.

- A DOI makes your research outputs uniquely identifiable.
- Metadata that you register with DataCite is in a central location, harvestable by anyone.
- Metadata for our Members’ research outputs appear in other search engines.

DataCite services make it easy to follow best practices.

- We make research data management easy: you register your first DOI in less than 1 minute.
- DataCite DOIs and metadata help you make your research FAIR.
- We connect you to the DataCite Member community, which is full of passionate people who share experience and continue to support best practice.
- Our metadata schema is extensive and has been adopted by other PID service providers globally.

DataCite services help you track and report on your research.

- A DOI enables easy tracking of your research outputs through simple user interfaces.
- DataCite services make institutional reporting simple.
- DataCite services support data citation and usage analytics.
DataCite Membership

**Direct Membership**
- Member Organization
  - Repository
  - Repository
  - Repository

**Consortium Membership**
- Consortium lead
  - Organization 1 (Also Consortium Lead role)
    - Repository
  - Organization 2
    - Repository
  - Organization 3
    - Repository
DOI registration through Service Providers
Create and Manage DOIs

DataCite membership allows you to create and manage DOIs for all of your repositories. You can do this through:

- Our primary REST API that supports JSON and enables automated DOI registration
- Our manual interface that enables you to register DOIs in less than a minute.
- Registered DataCite Service providers that provide a platform where you can register DOIs.
DataCite Service Providers Program

- Launched in Fall 2020
- Goal: Support both repositories & developers in adopting/implementing DOI best practices
- Service provider = organization that builds/supports systems used by other organizations to register DOIs using DataCite APIs
  - Repository/CRIS platform developers/providers, custom software developers, etc
Program requirements

- Integrate Datacite API(s) into system in order to allow DataCite Members to register DOIs according to best practices.
- Provide documentation & first-line support to users, escalating to DataCite support when necessary.
Benefits for members

- High-quality DOI registration integrations with good support and documentation
- Consistency among DOI registration integrations (similar user experience)
- Assurance that system developers/providers are active participants in the DataCite community and are working with DataCite to ensure that changes/new features are in the best interest of users/customers
Benefits for service providers

- Listing in the DataCite Service Provider directory
- Service Provider badge to display on the website
- Quarterly calls to learn about and provide input on upcoming DataCite features/changes, and discuss best practices with other Service Providers
- Additional opportunities to participate in focus groups, solution validation, etc. with our product team
Current service providers

ExLibris
Esploro
Pure
Haplo Repository
CoSECTOR
UNIVERSITY OF LONDON

DSpace
The Library Code GmbH
ATMIRE
4SCIENCE
Share your knowledge
eScire

PSNC

Dataverse Project
figshare
ubiquity repositories
DataCite
Integration with ORCID
Two methods

1. Using the Search and Link wizard within your ORCID profile, you can enable Auto-update so that all future outputs with a DOI and your ORCID in the metadata are automatically added to your record.

2. Within DataCite Commons, you can find works that you’d like to add to your ORCID profile and claim those.
DataCite Profiles

Please register for DataCite services that require authentication

https://profiles.datacite.org/
Method 1

Add your research outputs such as publications, data sets, conference presentations and more. Learn more about adding works to your ORCID record.

https://orcid.org/
Method 1

Link works

Enables users to import metadata from Airiti, including journal papers, proceedings, dissertations, and books. Scholars can e... Show more

**BASE - Bielefeld Academic Search Engine**

BASE is one of the world’s most voluminous academic search engines. It searches metadata about more than 100 million document... Show more

**Crossref Metadata Search**

Import your publications from Crossref’s authoritative, publisher-supplied metadata on over 70 million scholarly journal and ... Show more

**DOE / OSTI**

Search over 3 million energy and basic science research result records from the US Department of Energy (DOE) and predecessor... Show more

**DataCite**

Enable the DataCite Search & Link and Auto-Update services. Search the DataCite Metadata Store to find your research datasets... Show more

**Deutsche Nationalbibliothek (DNB)**

Search the catalogue of the German National Library (DNB) by your name and link your publications to your ORCID record. The G... Show more

**Europe PubMed Central**

Search and download full texts of biomedical articles and links your publications to your ORCID record. The G... Show more
Method 1

Authorize access

You are currently signed in as:

Lizbert Jane
https://orcid.org/0000-0001-5156-1535
Sign out

DataCite has asked for the following access to your ORCID record:

- Add/update your research activities (works, affiliations, etc)
- Add/update other information about you (country, keywords, etc.)
- Read your information with visibility set to Trusted Organizations

Authorize access

If authorized, this organization will have access to your ORCID record, as outlined above and described in further detail in ORCID's privacy policy.

You can manage access permissions for this and other Trusted Organizations in your account settings.

DataCite Profiles

Settings

<table>
<thead>
<tr>
<th>ORCID ID</th>
<th><a href="https://orcid.org/0000-0001-5156-1535">https://orcid.org/0000-0001-5156-1535</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Lizbert Jane</td>
</tr>
<tr>
<td>Record</td>
<td>is public</td>
</tr>
<tr>
<td>Auto-Update</td>
<td>is enabled</td>
</tr>
<tr>
<td>Role</td>
<td>User</td>
</tr>
<tr>
<td>ORCID Permissions</td>
<td>Get ORCID token to allow DataCite to update your ORCID record.</td>
</tr>
</tbody>
</table>

Get ORCID Token

GitHub Permissions | Get GitHub token to allow DataCite to link your ORCID and GitHub accounts.

Get GitHub Token
Method 1

**DataCite Profiles**

| Settings | ORCID ID | https://orcid.org/0000-0001-5156-1535  |
|-----------------------------|-------------------------|
| Name | Lizbert Jane  |
| Record | is public  |
| Auto-Update | is enabled  |
| Role | User  |

**ORCID Permissions**

Delete ORCID token to no longer allow DataCite to update your ORCID record.

| ORCID Claims | 0 created | 0 deleted | 0 queued | 0 failed |
Method 2

Google Dataset Search Webinar - everything you always wanted to know about

Google Dataset Search
Natasha Noy, Helena Cousijn, Mary Hirsch & Martin Fenner
Version 1.0 of Content published 2018 in DataCite Blog

DataCite Blog
DOI registered December 12, 2018 via DataCite.

1 Citation

Text

https://doi.org/10.5438/4sdj-hf49

Counting reuse to Make Data Count
Scientific Data & Helena Cousijn
Dataset published 2019 in figshare Academic Research System

20 minute lightning talk presentation given by Helena Cousijn, from Datacite, at the Better Science through Better Data 2018 event. The video recording, slides and scribe are included.

DOI registered January 14, 2019 via DataCite.

Dataset Electrical engineering, electronic engineering, information engineering

Computer and information sciences, Political science

https://doi.org/10.6084/m9.figshare.7571405

https://commons.datacite.org/
Method 2

DataCite
Project Summary

Consortium: 24 Partners
Coordinator: CINECA

Grant Agreement: 101017207
Call: INFRAEOSC-07-2020

Enable a European storage and data management infrastructure for EOSC
Provide generic services to store, find, access, and process data in a consistent and persistent way

30 months
(1 Jan 2021 – 30 Jun 2023)

18 providers from 11 European countries are offering 14 state-of-the-art data management services together with more than 50 PB of storage capacity

Budget: € 6,997,706,66
Service Offering

- 14 services covering the whole research data management lifecycle
- >50 PB of storage offered with the services
- Standard requests to be served within 2 weeks
- Support can be provided for customised solutions
- Request the services from the EOSC marketplace [HERE]
- Ask for further information by email [HERE]

**Data Discovery**
Making research data findable
Data source harvestable and to make data widely discoverable

**Data Repository**
Long-term data resources preservation and sharing
To store non-active FAIR data

**Policies based Data Archive**
Mid-long term data resources, accessible from computing facilities to store non-active research data
Value-added services (integrity checks, replications, ...) for long-term, stable data archives.

**Data Archive**
Mid term storage resources after/between projects, Accessible from computing facilities to store non-active research data, bitwise preservation

**Personal and/or Project workspace**
Mid-term storage during project,
Good connection to computing facilities,
To store active resource data
Join the **EUDAT Consortium**

Organizations joining through DICE

Institutional repositories
How to APPLY

What to do now:

• Find us in the EOSC marketplace: https://marketplace.eosc-portal.eu/services/datacite-doi-registration-service/details
• Indicate your interest by submitting the enquiry form: https://datacite.org/membership-enquiry.html
• DataCite will contact you to schedule a call in which we will set up your account

What to do after the project:

• The DICE project will end in June 2023
• DataCite will give you until the end of 2023 to evaluate your options
• EUDAT intends to continue the Consortium, the normal fees will apply
• Alternatively, you could apply for Direct Membership or transition to a different Consortium
• If you do not continue, your account will become inactive but your DOIs will continue to resolve.
Get in touch!

Email us: info@datacite.org
Follow us: @datacite
Talk to us: pidforum.org
Read about us: datacite.org
Get support: support.datacite.org support@datacite.org