DataCite
Open By Design

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Better Together: Open new possibilities with Open Infrastructure
Crossref/DataCite/ORCID joint webinar series for APAC community

@datacite
About DataCite

Global non-profit membership organization working with 2600+ repositories in the world to provide DOIs for data and other research outputs.

https://datacite.org/
Our Community

- 2600+ Repositories
- 276 Members
- 50 Countries
- 35m+ DOIs
- 1000+ Organizations

Updated: June 2022
Our Community

DataCite is a community led organization that is open to participation from members around the world.

- Our vision at DataCite is **Connecting Research, Identifying Knowledge**
- A global community that is mission and goal oriented
- The strength of DataCite is in its active community membership!
Open Infrastructure

... the core elements that enable the creation of tools and services used by researchers, must be available to everyone, with no barriers to access.

- Community governance
- Sustainability
- Insurance / Trust
- Value
- Interoperability
- Equity

https://doi.org/10.1002/leap.1361
DataCite has conducted an audit against the POSI and would like to affirm our commitment to uphold these principles.

Governance

- Stakeholder Governed
- Non-discriminatory membership
- Transparent operations
- Cannot lobby
- Living will
- Formal incentives to fulfil mission & wind-down

Sustainability

- Time-limited funds are used only for time-limited activities
- Goal to generate surplus
- Goal to create contingency fund to support operations for 12 months
- Mission-consistent revenue generation
- Revenue based on services, not data

Insurance

- Open source
- Open data (within constraints of privacy laws)
- Available data (within constraints of privacy laws)
- Patent non-assertion

https://doi.org/10.5438/vy7h-g464
Community Governance

DataCite facilitates open participation by involving interested community members in governance.

- DataCite members
- Executive Board
- Service and Technology Steering Group
  - Re3data Working group
  - Metadata Working group
- Community Engagement Steering Group
  - Asia and Pacific (APAC)
  - Europe, Middle East, and Africa (EMEA)
  - The Americas

https://datacite.org/governance.html
Long-term Sustainability

- DataCite is sustainable through membership and service fees
- Fee model principles:
  - Predictability
  - Scalability
  - Sustainability
  - Simplicity
  - Inclusivity
- Tiered memberships
  - Consortium member
  - Direct Member

[Link to DataCite Fee Model](https://datacite.org/feemodel.html)
Long-term Sustainability

2019:
- Project Fundings: 29.1%
- Membership Fees: 70.9%

2020:
- Project Fundings: 39.2%
- Membership Fees: 60.8%

2021:
- Project Fundings: 31.7%
- Membership Fees: 68.3%
Build Trust with Insurance

- CC0 license for all DOIs and deposited metadata in our database
- Open source and fully permissible MIT License for all DataCite code and software
- Transparent development roadmap and prioritization
- Open and transparent governance structures

https://datacite.org/roadmap.html
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.
Contributing to Interoperability

Findable, Accessible, Interoperable, Reusable

DataCite Schema

schema.org

Open Archives
Equitable Access

Open source code, open APIs and open metadata enable different stakeholders to use the DataCite infrastructure:

- Repository platform - integrate with the API to provide DOI registration functionality
- Harvester - use OAI PMH to ingest DataCite metadata
- Research institution - obtain metrics for my different research output
- Developer - reuse the DataCite code

276 Members

1 member = 1 vote