

DataCite Newsletter

March 2019

What's new?

- ◆ **The FAIRsFAIR project.** This month saw the kick-off of a new European project: [FAIRsFAIR](#). FAIRsFAIR aims to supply practical solutions for the use of the FAIR data principles throughout the research data life cycle. This way, FAIRsFAIR will provide a platform for using and implementing the FAIR principles in the day to day work of European research data providers and repositories. DataCite, together with re3data, will work on a registry for FAIR compliant repositories to enable researchers to find the right repository for their data.
- ◆ **Metadata schema 4.2** The DataCite Metadata Schema is the basis for the metadata you submit to DataCite. This month, the DataCite Metadata Working Group has rolled out the brand-new DataCite Metadata Schema version 4.2. This version introduces some new properties and sub-properties to better help you further describe how your DOIs fit into the research landscape. Version 4.2 is backwards compatible, and you only need to specify the major version in your metadata submission, so you can already take advantage of these updates without having to change anything else about how you send metadata to us. See [our blog](#) for more information!
- ◆ **[This paper](#) describing our work on data metrics.** We know many of our members are very interested in our work on data metrics, and we often get questions about our involvement in projects such as Scholix and Make Data Count, and our collaboration with Crossref. To tell you and the rest of the community the whole story, we, together with our collaborators, published a paper describing how views, downloads, and, citations can be contributed by repositories and publishers and are then made available through Event Data.



Question of the month

Every day we receive questions about DataCite services. Each month we will share one of our favorites.

How do I make a “findable” DOI with the REST API?

DataCite DOIs can be created in three states “draft”, “registered” or “findable”. If you are using the REST API to create DOIs you need to specify the “event” attribute in the JSON payload. This corresponds to the action you want to trigger. To create a DOI in findable state, the required action is "publish" e.g.

"event": "publish"

Possible actions:

- ◆ publish - Triggers a state move from draft or registered to findable
- ◆ register - Triggers a state move from draft to registered
- ◆ hide - Triggers a state move from findable to registered

We recommend incorporating draft DOIs into your workflow, they can be deleted. Findable and registered DOIs cannot be deleted.

Tech update

- ◆ **PID Graph.** At the heart of the [FREYA project](#) is the concept of the PID Graph, a network of interconnected PIDs. Much of the work of FREYA is built around developing new PID types and new PID services that will enable new useful connections to be made. The DataCite team has begun implementing our version of the PID Graph, which will be realized through the power of Event Data. It is now possible to query Event Data for an ORCID ID or Crossref Funder ID and not only receive the DataCite-registered works associated with that person or funder, but also the works that are related to that first set of works. For more information read our [PID Graph blog post](#) or to get started with Event Data, see our [Event Data guide](#).
- ◆ **Cool Stuff at General Assembly.** The DataCite team have been hard at work on a number of improvements to Fabrica, DataCite Search, and our REST API, and we're getting excited to show them to you. We've heard from you that predictability and clear communication are important, so we want to make sure our new features are bulletproof and polished before we release, so we won't be saying very much in this issue of the newsletter. But it's hard to keep this stuff under wraps, so those of our members coming to our General Assembly meeting in Philadelphia in a few days will be treated to a “cool stuff” session where we'll give a sneak peek of all that's been going on. It's not too late to join as a remote attendee!

Save the date!

Member Meeting and General Assembly - April 1, 2019, Philadelphia, USA

Only a couple of days away: the DataCite member meeting and General Assembly! We'll be waiting for you with balloons & cake to celebrate our 10 year anniversary!

UKSG - April 8-10, 2019, Telford, UK

Do you want to know more about data citation and the DataCite collaboration with Crossref? Join our joint session at [UKSG](#) and find out how you can start displaying citations straight away.

JATS-Con - May 20-21, 2019, Cambridge, UK

You are ready to move on to software citation? Join us at [JATS-Con 2019](#) for a panel discussion on best practices for supporting citations, including software citations, in journal article XML.

Welcome to new DataCite members

- [Blackfynn Inc.](#)
- [Kudos Innovations Ltd](#)
- [Center for Severe Weather Research](#)
- [HEAL-LINK \(Hellenic Academic Libraries Link\)](#)
- [The University of Chicago - Globus](#)
- [Carnegie Mellon University](#)

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