

Agenda: US/CA Community Call - DataCite DOI Metadata & Discoverability

- **When:** Wednesday Sept. 14 @ 1-2pm Eastern/ 12-1pm Central/ 11am-12pm Mountain/ 10-11am Pacific
- **Recording:**
 - LYRASIS DataCite US Community vimeo: <https://vimeo.com/749707090> (PW: DataCiteUS)
- **Slides:**
https://docs.google.com/presentation/d/1E43KuY_ng_Fnj4XGfve0aCjZJFExu9P4OZ9ZSVcPbL0/edit?usp=sharing
- **Helpful Resources:**
 - DataCite metadata schema: <https://schema.datacite.org/>
- **Code of Conduct:** <https://www.lyrasis.org/about/Pages/Code-of-Conduct.aspx>

Attendees: (~35 attendees)

- Sheila Rabun, Program Leader for PID Communities, LYRASIS
- Mark Goodwin; Product Lead, Discovery Services; Digital Research Alliance of Canada
- John Aspler, Manager, Canadian Persistent Identifier Community // Gestionnaire, Communauté canadienne des identifiants pérennes, DataCite Canada - CRKN
- Kelly Stathis, Technical Community Manager, DataCite
- Matt Covey, University Librarian, Rockefeller University
- Shannon Spencer, Reference Librarian, Periodicals, The University of Tampa
- Andrea Sz wajcer, Research Services Librarian, University of Manitoba
- Cyndie Found, National Research Council of Canada.
- Chris Hurst, Systems Librarian, Brandon University
- Lynda Kellam, Head of Research Data Services, University of Pennsylvania
- Tim van der Stap, Research Technician, Hakai Institute
- Laura Burtle, Georgia State University
- Maria Mercedes Tuya, Institute for Advanced Study, Princeton
- Keshav Mukunda, Research Data Librarian, Simon Fraser University
- Julie Dionne Lavoie, St Lawrence Global Observatory / CIOOS
- Ève Paquette-Bigras, Université de Montréal
- Jeff Cullis Dalhousie University / CIOOS Atlantic
- Terry Curran, Pacific Salmon Foundation, BC
- Danica Evering, Research Data Management Specialist, McMaster University (Hamilton, ON)
- Caitlin Price, Metadata Analyst, Bank of Canada
- Tyler Brooks, Systems Librarian, Bank of Canada
- Carrie Breton, Repository Analyst, University of Guelph
- Susan Rizak, Agriculture and Agri-Food Canada

Agenda:

- (Sheila) Welcome
 - Code of Conduct: <https://www.lyrasis.org/about/Pages/Code-of-Conduct.aspx>
- (Mark) Overview: How to get metadata into DataCite?

- DataCite members can input metadata via Fabrica form, XML upload, or API
- (Kelly) How does DataCite metadata work?
 - Overview of metadata schema
 - How does DataCite metadata work?
 - How does metadata affect discoverability?
- (John) Q&A and discussion

Notes:

- DataCite metadata is registered via:
 - Fabrica form
 - Fabrica XML upload
 - API integration (more automated)
 - REST API (accepts JSON format)
 - MDS (accepts XML files)
- DataCite metadata schema is developed by the DataCite metadata working group volunteers who work in coordination with DataCite staff - latest version is 4.4 (2021) and is updated every 1-2 years
- Schema has 20 top-level metadata properties, some have sub-properties - some are mandatory, some are optional, some are repeatable
- Metadata is structured in XML (if you are using the form to submit metadata, it gets transferred into XML format for you)
- Schema supports a wide variety of resource types
- Some recommended properties are particularly helpful with DOI object discovery:
 - Subject - critical for discovery because they help to contextualize. Has optional sub-properties where you can indicate the vocabulary
 - Description - helps to explain what the object is
 - Related Identifier - connects your resource to other related resources (for example, a dataset that is cited in a paper)
- Schema focuses on descriptive metadata and connection metadata, which helps with interoperability - connection metadata is especially helpful:
 - Name identifiers (ORCID iD)
 - Organization identifiers (ROR ID)
 - Funding identifiers (Crossref funding DOIs, Fundref)
 - Related identifiers (for other resources: DOIs, URL, handles, etc.)
- DataCite DOI metadata is included in DataCite Commons (<https://commons.datacite.org/>) and is query-able via the API
- When a DOI is registered or updated, it also goes into “Event Data” which is a joint effort between DataCite and Crossref, focused on documenting related identifiers (citations, references, versions, etc.) and ORCID iDs to show connections between persistent identifiers. These “events” are accessible via DataCite Commons and API
- All DataCite metadata is publicly available and is designed to make objects more FAIR (findable, accessible, interoperable, reusable)
- Harvesters include DataCite DOI metadata for inclusion in various search interfaces - examples: web of science, google dataset search, open Aire, etc.

- Try to include ORCID iDs for individuals whenever possible!
 - If an ORCID iD is included in DataCite DOI metadata, and that individual has connected their ORCID iD with the DataCite search and link wizard, their work can get automatically added to their ORCID record:
<https://docs.google.com/presentation/d/1UA0a3pSmXxhcw9ghwRSJ8wxwottFAqMnFsGoeLy1rV0/edit?usp=sharing>
- The more other persistent identifiers you can include, the better! It helps with interoperability and showing connections between entities in the research and scholarly communication landscape. Also helps with disambiguation of people names, organization names, etc.
- The next metadata schema (4.5) is currently available for public comment through Oct. 17, 2022: [Request for Comments](#)
 - Aiming to release the next version in early 2023

Chat Log:

09:59:54 From Sheila Rabun (she/her) to Everyone:

Agenda:

https://docs.google.com/document/d/1s3Ku9DR_bpmX4pibb0TJPPUPRSONuYQxi_-2aCOI_Cw/edit?usp=sharing

10:00:55 From Sheila Rabun (she/her) to Everyone:

Agenda:

https://docs.google.com/document/d/1s3Ku9DR_bpmX4pibb0TJPPUPRSONuYQxi_-2aCOI_Cw/edit?usp=sharing

10:01:30 From John Aspler to Sheila Rabun (she/her)(Direct Message):

Hallo! I need camera access pls :)

10:01:35 From John Aspler to Sheila Rabun (she/her)(Direct Message):

oh it is done

10:01:36 From John Aspler to Sheila Rabun (she/her)(Direct Message):

thanks!

10:02:04 From Maria Mercedes Tuya to Everyone:

Good afternoon - Maria Mercedes Tuya, Institute for Advanced Study, Princeton

10:02:25 From Sheila Rabun (she/her) to Everyone:

Agenda:

https://docs.google.com/document/d/1s3Ku9DR_bpmX4pibb0TJPPUPRSONuYQxi_-2aCOI_Cw/edit?usp=sharing

10:02:51 From Sheila Rabun (she/her) to Everyone:

Agenda:

https://docs.google.com/document/d/1s3Ku9DR_bpmX4pibb0TJPPUPRSONuYQxi_-2aCOI_Cw/edit?usp=sharing

10:03:20 From Terry (psf) to Everyone:

Terry Curran Pacific Salmon Foundation, BC

10:04:02 From Shannon Spencer to Everyone:

Hi from rainy Tampa! Shannon Spencer, University of Tampa

10:04:34 From Eve Paquette-Bigras to Everyone:

Hi. Ève Paquette-Bigras from Université de Montréal. :)

10:05:12 From John Aspler, CRKN (he/him) to Everyone:
Agenda:
https://docs.google.com/document/d/1s3Ku9DR_bpmX4pibb0TJPPUPRSONuYQxi_-2aCOI_Cw/edit?usp=sharing

10:05:24 From Matthew Covey to Everyone:
Matt Covey, Rockefeller University

10:07:37 From Eve Paquette-Bigras to Everyone:
Merci!

10:07:45 From John Aspler, CRKN (he/him) to Everyone:
De rien :)

10:11:03 From John Aspler, CRKN (he/him) to Everyone:
Thanks for being here Kelly :D

10:30:36 From Kelly Stathis to Everyone:
Here is the link to the Request for Comments for the schema 4.5 draft:
https://docs.google.com/document/d/1UyQQwtjnu-4_4zXE4TFZ74-mjLZI3NkEf8RrF0WeOdl/edit

10:31:44 From Andrea Szwajcer to Everyone:
Is the choice of resource types reflecting COAR vocabulary or DataCites own needs/perspective of what is submitted?

10:32:19 From Danica Evering to Everyone:
Thank you so much for this Kelly! There are a few of us on the Canadian side of this call who are repository administrators for our institutional Dataverses, connected through Borealis. Borealis mints DOIs through DataCite--are there any recommendations you have that we should make sure to include in our Dataverse configurations to make sure DataCite gets the best possible metadata?

10:32:41 From Jean-Baptiste Poline to Everyone:
Thanks ! Is there a central resource with all the links / training / webinars on this - and is there a code repository (eg GitHub / GitLab) where we can find libraries and tools to work with the metadata schema ?

10:32:48 From Eve Paquette-Bigras to Everyone:
+1 Danica

10:34:26 From Laura Burtle to Everyone:
@Jean-Baptist we have some tools for using the API here: <https://github.com/gsu-library>

10:35:08 From Andrea Szwajcer to Everyone:
Thanks Kelly!

10:36:23 From Danica Evering to Everyone:
Awesome, thank you so much, Kelly!

10:36:47 From Jean-Baptiste Poline to Everyone:
Thanks @Laura

10:36:51 From Kelly Stathis to Everyone:
<https://schema.datacite.org/>

10:37:02 From Kelly Stathis to Everyone:
<https://support.datacite.org/>

10:37:05 From John Aspler, CRKN (he/him) to Everyone:
<https://schema.datacite.org/>

10:37:14 From John Aspler, CRKN (he/him) to Everyone:
whoops Kelly got there while speaking

10:37:33 From Kelly Stathis to Everyone:
https://datacite-metadata-schema.readthedocs.io/en/4.5_draft/

10:37:41 From Jean-Baptiste Poline to Everyone:
thanks !

10:38:01 From Kelly Stathis to Everyone:
Here's the Dataverse crosswalk!
<https://docs.google.com/spreadsheets/d/10Luzti7svVTVKTA-px27oq3RxCUM-QbiTkm8iMd5C54/edit#gid=0>

10:38:26 From Sheila Rabun (she/her) to Everyone:
Canada contact: datacite@crkn.ca

10:38:34 From Sheila Rabun (she/her) to Everyone:
US contact: Sheila.Rabun@lyrasis.org

10:38:47 From Andrea Sz wajcer to Everyone:
Will the recommended/optional move with other schema decisions?

10:39:07 From Andrea Sz wajcer to Everyone:
Yes

10:40:32 From Larysa Gorodnicha to Everyone:
Thank you!

10:40:34 From Eve Paquette-Bigras to Everyone:
Thanks!

10:40:34 From Tim van der Stap to Everyone:
Thank you Kelly!

10:40:36 From Cyndie Found to Everyone:
Thanks!

10:40:37 From Julie Dionne Lavoie to Everyone:
Thank you !!

10:40:37 From Jeff Cullis to Everyone:
Thanks!

10:40:37 From Caitlin Price to Everyone:
Thank you!

10:40:38 From Andrea Sz wajcer to Everyone:
Thanks you!

10:40:41 From Laura Burtle to Everyone:
Thank you!

10:40:43 From Susan Rizak to Everyone:
Thanks for all the information.

10:40:49 From Pauline Chauvet to Everyone:
thanks !!

10:40:52 From Terry (psf) to Everyone:
thx all

