2019-06-18 DSpace 7 Entities WG Meeting

Date & Location

18 Jun 2019 at 15:00 UTC (11:00am EST)

Location:

Join from PC, Mac, Linux, iOS or Android: **https://duraspace.zoom.us/my/dspace** *(Meeting ID: 502 527 3040)*

Additional connection info available on DSpace Meeting Room page.

Attendees

Actual attendee list will be updated after meeting.

- Tim Donohue - DuraSpace
- Pascal-Nicolas Becker - The Library Code
- Alexander Sulfrian - Freie Universität Berlin
- Lieven Droogmans - Atmire
- Paulo Lopes - FCT|FCCN
- Mark H. Wood - IUPUI
- Paulo Graça- FCT|FCCN
- Jose Carvalho - University of Minho
- Heather Greer Klein - DuraSpace
- Dimitris Pierrakos - ARC/OpenAIRE

Agenda

#	Time	Item	Information	Who
1	5 mins	Brief overview of how OR2019 went	We're back from OR2019. Quick summary of how things went & feedback heard there.	Tim
2	10 mins	Metadata Schemas for Entities (schema.org)	Before OR2019, we talked about using schema.org 1. https://jira.duraspace.org/browse/DS-4223 (Default schemas) 2. https://github.com/DSpace/DSpace/pull/2443 3. https://github.com/DSpace/dspace-angular/pull/420 Also, the problem of where to store ORCIDs. There's currently no field in schema.org that aligns well with ORCID	Lieven
3	25 min	Submission form (submission-forms.xml) changes to support Entities	• Mockups from Paolo: https://wiki.duraspace.org/download/attachments/108760036/author_submission.zip?version=1&modificationDate=1548086382440&api=v2 • Proposed submission form configuration for regular metadata field: This is the current situation on June 2019 https://docs.google.com/document/d/1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.wpa6r9vqr1ml • Proposed submission form configuration for closed relations: https://docs.google.com/document/d/1X0XsppZYOtPtbmq7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.5bu9shx0j942	Lieven
4	10mins	OpenAIRE v4 overview	Overview of upcoming OpenAIREv4 work	Paulo
4	10mins	Wrap-up and Next Meeting Reminder	• Meeting frequency: Weekly or every other week? • Tim will report back meeting outcomes in weekly DSpace 7 Working Group (2016-2023) meetings.	Heather

Current Work

Tickets to Resolve

- All JIRA tickets tagged with "Configurable Entities": https://jira.duraspace.org/issues/?jql=project%20%3D%20DS%20AND%20component%20%3D%20%22Configurable%20Entities%22
  - Critical Tickets: https://jira.duraspace.org/browse/DS-4244?jql=project%20%3D%20DS%20AND%20priority%20%3D%20Critical%20AND%20component%20%3D%20%22Configurable%20Entities%22
  - Major Tickets: https://jira.duraspace.org/browse/DS-4241?jql=project%20%3D%20DS%20AND%20priority%20%3D%20Major%20AND%20component%20%3D%20%22Configurable%20Entities%22

PRs Needing Review

1. (REST Contract) (Entities) PUT contract in relationships: https://github.com/DSpace/Rest7Contract/pull/60 (Tim Donohue , Paulo Graça blocked URL)
2. (REST) (Entities) PUT contract in relationships: https://github.com/DSpace/DSpace/pull/2440 (*related to Contract PR#60*) (Paulo Graça ✅, Tim Donohue)

3. **(NEW)** (REST) (Entities) DS-4223 Metadata Schemas for configurable entities https://github.com/DSpace/DSpace/pull/2443 (Paulo Graça , Mark H. Wood)
4. **(NEW)** (REST) (Entities) DS-4244 Add configurable entities unit tests https://github.com/DSpace/DSpace/pull/2446
5. (Angular) (Entities) Deleting relationships: https://github.com/DSpace/dspace-angular/pull/402 (Paulo Graça - changes requested, Tim Donohue)
6. **(NEW)** (Angular) (Entities) DS-4223 Metadata Schemas for configurable entities https://github.com/DSpace/dspace-angular/pull/420 (Paulo Graça)

Priorities

This list was voted on in the meeting on May 23, 2019 (just before OR2019). The prioritization below may change, but it gives a high level overview of what still needs to be done.

1. **(Lieven, Ben, Tim, Fernando, Jose, Mark, Oliver, Paulo)** Submission integration (creating Entities & relations using the Item submission process) - Mockups already created by Paulo previously.
2. **(Lieven, Ben, Tim, Jose, Oliver, Paulo)** Which metadata fields should be used for each Entity type. (DS-4223).
3. **(Lieven, Ben, Tim, Mark)** Additional data for relations (essentially "metadata" or labels on relations) - Related to many other features / use cases.
4. **(Oliver, Paulo)** Author name variants - Not currently implemented
5. **(Jose)** Configuration of batch import (via CSV) for Entities - Already a CSV import available, but can only link entities in CSV to existing entities (in the system). Need to decide how to represent relations in CSV.
6. **(Mark)** Permissions on Relations (who has permissions to add/modify/delete relations) - Currently, if you have Edit permissions on the Entity, then you can edit/delete any relationships to/from that Entity.
7. **(Fernando)** Deleting objects with Relations (How or should deletion propagate between closely related objects, e.g. delete entire Journal) - Currently, deleting a relation just decouples the two Entities. E.g. If you delete a Person entity, that Person may no longer be listed on any Publications it is linked to (may want to copy info over after deletion).
   a. Relates to GDPR
8. **(Alexander)** AIP Backup & Restore (of Entities)*
9. Dynamic display of Relations - determine automatically how a list of entities displayed on an Item page (list vs search). Currently hardcoded based on entity type (in item page template). Want to make it configurable/dynamic.
10. SWORD integration (submission of Entities via SWORD) - Uses same format as AIP. Once AIP is implemented, SWORD should be easy.
11. OpenAIRE v4 implementation using Entities* - Brought up in Steering. Possibly just an OAI-PMH configuration which maps Entity metadata fields to OpenAIRE v4
12. ORCID integration with Entities (for Person Entities).
13. Best Practices around Entities in Collections. We've suggested in the Preview Release to structure Collections based on Entity Type (Person Collection, Projects Collection, etc). We should better document and formalize these best practices. Can we hide these Collections which only serve to store Entity Type.

Notes

OR2019

- Feedback was resoundingly positive, during presentations and in between. People are very excited about the release and about Configurable Entities as a feature. Several people who mentioned this feature is exciting for competing with proprietary systems and newer open source systems. Very good conference and great DSpace presence.

Metadata Schemas for Entities (schema.org)

- See above pull requests related to this work.
- ORCHiD support request above, Tim will reach out to find out if there has been any progress.

Submission of Entities

- Will require updates to the default DSpace 7 submission-forms.xml configuration. For example, these are not normal "fields" but we'd be defining **r elations** between entities
- Suggestion to update submission.forms.xml to have two types of fields
    - metadata-field (rename of default <field>): https://github.com/DSpace/DSpace/blob/master/dspace/config/submission-forms.xml#L52-L61
    - relation-field - the new type of field which creates a relation between two entities in the system. This field can also support metadata gathering for fields which can either link to an Entity or can store plain text (e.g. Authors)

OpenAIRE 4.0

- Working to make DSpace 7 compliant out of the box
- DSpace and OpenAIRE signed an MOU to deliver this compliance
- Paulo will lead this effort via a working group; have waited until the right phase of DSpace 7 development
- There is a proposed methodology and resources to make this work happen, and a draft work plan with 4 phases.
- Important to discuss this work 10-15 minutes as part of the Configurable Entities Working Group, to ensure work is coordinated, but also have additional meetings as needed.

Tim suggests we make this a weekly meeting for the near term. **Next meeting will be June 25th.**

Action Items

Any assigned actions will appear here, along with details of who they are assigned to.