

2019-12-10 DSpace 7 Entities WG Meeting

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Date & Location

03 Dec 2019 at 16:00 UTC (11:00am EDT)

Location:

Join from PC, Mac, Linux, iOS or Android: <https://lyrasis.zoom.us/j/9963190968>

Attendees

Actual attendee list will be updated after meeting.

- [Tim Donohue](#) - LYRISIS
- [Alexander Sulfrian](#) - Freie Universität Berlin
- [Lieven Droogmans](#) - Atmire
- [Ben Bosman](#) - Atmire
- Paulo Lopes - FCT|FCCN
- [Mark H. Wood](#) - IUPUI
- Paulo Graça - FCT|FCCN
- [Jose Carvalho](#) - University of Minho
- [Dimitris Pierrakos](#) - ARC/OpenAIRE
- [Oliver Goldschmidt](#) - Hamburg University of Technology (TUHH) (unavailable in Dec)
- Helen Baer - Colorado State University

Agenda

#	Time	Item	Information	Who
1	5mins	Agenda	Any additional topics to today's agenda?	All
2	25mins	Updates on OpenAIREv4	Any updates to discuss this week? Work based on: <ul style="list-style-type: none">• Initial presentation: https://docs.google.com/presentation/d/1G7JGRHq-qgQ44GSr3guBEUEQTb2-6JjKKsQ0-cPGkBM/edit?usp=sharing• Review of document: https://docs.google.com/document/d/1mUrtxbVMhCmp18doZ2kavZAAJ2LMemmeiYPPC6O13LU/edit?usp=sharing• Work plan: https://docs.google.com/spreadsheets/d/1SAsQYgRAyAgdSrWJAjQmJwA2LT-T0yqXrhFu4J6xhMY	All
3	15mins	Wrap-up and Assigning tasks	<ul style="list-style-type: none">• Assign tasks / PRs to review (as needed)• Next meeting is Tues, Dec 17	

Current Work

Legend for status icons

★ = Highest Priority tasks (please prioritize these reviews/tasks over others). These are tasks with lots of dependencies

✖ = review done, changes were requested or bugs found.

✔ = review done, approved.

⚠ = review done, merge conflict or other minor changes requests

1 APPROVAL = pull request only requires a single approval to merge. This is generally reserved for PRs which are either smaller, obvious, and/or bug fixes with tests to prove they 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/issues?jql=project%20%3D%20DS%20AND%20priority%20%3D%20Critical%20AND%20component%20%3D%20%22Configurable%20Entities%22>
 - Major Tickets: <https://jira.duraspace.org/issues?jql=project%20%3D%20DS%20AND%20priority%20%3D%20Major%20AND%20component%20%3D%20%22Configurable%20Entities%22>
- **(HIGH PRIORITY)** Bug with performance of Angular (especially with regards to Entities, e.g. in PR#402): <https://github.com/DSpace/dspace-angular/issues/458>
- **(REST Contract)** There could be more than one Entity reference for external sources <https://github.com/DSpace/Rest7Contract/issues/90>

PRs Needing Review

1. **(NEW)** (REST Contract) Entity type small changes <https://github.com/DSpace/Rest7Contract/pull/95> (Tim Donohue, Paulo Graça)
2. **(NEW)** (REST) Creating a workspace item from an external source <https://github.com/DSpace/DSpace/pull/2614> (Tim Donohue, Paulo Graça)
3. **(NEW)** (REST) Get entity type performance improvement <https://github.com/DSpace/DSpace/pull/2615> **1 APPROVAL** (Tim Donohue ✔, **NEEDS SECOND REVIEWER**)
4. **(NEW)** (REST) DS-4401 Enforce relational place ordering when place direction is known <https://github.com/DSpace/DSpace/pull/2617> **1 APPROVAL** (Ben Bosman ✔, **NEEDS SECOND REVIEWER**)
5. **(NEW)** (REST) Entities submission config <https://github.com/DSpace/DSpace/pull/2618> (Tim Donohue, Paulo Graça)
6. (Angular) Keep virtual metadata on relationship delete <https://github.com/DSpace/dspace-angular/pull/530> (Paulo Graça - feedback added, Tim Donohue - feedback added)
7. (Angular) Create relationships during the submission <https://github.com/DSpace/dspace-angular/pull/531> (Paulo Graça - it's Ok, but still is WIP, Tim Donohue - early review, one bug reported)
8. (Angular) Item page entities improvements <https://github.com/DSpace/dspace-angular/pull/532> (Paulo Graça - feedback added, Tim Donohue ✔)
 - a. sample screenshots: [pr-532.pdf](#)
9. (Angular) Virtual metadata on item delete <https://github.com/DSpace/dspace-angular/pull/533> (Paulo Graça - feedback added, Tim Donohue)
 - a. sample screenshots: [pr-533.pdf](#)
 - b. Dependent on #530 (see above)
10. (Angular) Reordering related entities in the submission <https://github.com/DSpace/dspace-angular/pull/534> (Paulo Graça, Tim Donohue)
 - a. Dependent on #531 (see above)
11. **(NEW)** (Angular) Lookup relations - Search external sources <https://github.com/DSpace/dspace-angular/pull/539> (Tim Donohue, Paulo Graça)
 - a. Dependent on #531 (see above)
12. **(NEW)** (Angular) Convert external source to entity <https://github.com/DSpace/dspace-angular/pull/540> (**NEEDS REVIEWERS ONCE READY**)
 - a. Dependent on #539 (see above)
13. **(NEW)** (Angular) Combining relationships and metadata during submission <https://github.com/DSpace/dspace-angular/pull/541> (**NEEDS REVIEWERS ONCE READY**)
 - a. Dependent on #534 (see above)
14. (OpenAIRE4) OpenAIRE 4 submission forms and virtual metadata <https://github.com/DSpace/DSpace/pull/2608> (Dimitris Pierrakos, Ben Bosman, Tim Donohue - feedback added)
15. (OpenAIRE4) OpenAIRE4 oai_openaire metadata format support [WIP] <https://github.com/DSpace/DSpace/pull/2592> (Dimitris Pierrakos, Tim Donohue, Ben Bosman)

PRs Merged this week!

1. ✔ (REST Contract) Metadata suggestions in the live import <https://github.com/DSpace/Rest7Contract/pull/83>
2. ✔ (OpenAIRE4) OpenAIRE 4 required metadata fields <https://github.com/DSpace/DSpace/pull/2576>
3. ✔ (REST bugfix) bug update relationships <https://github.com/DSpace/DSpace/pull/2610>
4. ✔ (REST) Creating an archived item from an external source <https://github.com/DSpace/DSpace/pull/2590>
5. ✔ (REST) Avoid setting the virtual metadata language to ANY (*) <https://github.com/DSpace/DSpace/pull/2613>
6. ✔ (REST) Delete item with relationships: configure defaults <https://github.com/DSpace/DSpace/pull/2599>
7. ✔ (Angular) Tabbed display of relations: <https://github.com/DSpace/dspace-angular/pull/517>

Task List

This task list has been updated as of our meeting on [Oct 22, 2019](#). The tasks are numbered for easy reference, but are not necessarily listed in priority order. During this meeting we worked to re-summarize current work status so that we can align this task list with the [DSpace 7 Estimation Process](#) (and as such, estimate any we feel should be considered for 7.0 release). *NOTE: Keep in mind, just because a task is listed here does NOT guarantee it will be completed for DSpace 7. Some of these tasks may need to be delayed for a future release.*

Legend for status icons

✔ = task considered "completed" (unless bugs or issues are later found)

⚠ = task is incomplete or has further work to be done.

❓ = task that may be delayed or postponed for after 7.0.

1. ✔ Metadata schemas for Entity types (DS-4223).
 - a. REST: <https://github.com/DSpace/DSpace/pull/2443> , Angular: <https://github.com/DSpace/dspace-angular/pull/420>
 - b. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.wjaqg235p53r
2. ⚠ (Minor refactor) Decide which metadata field should be used to store Entity Type (DS-4184). Currently, it is stored in "relationship.type". (DEE **MED LOWER PRIORITY, but "nice to have" for 7.0 if possible?**)
3. ✔ Creating Relations (between Entities) with CSV Batch Import
 - a. REST: <https://github.com/DSpace/DSpace/pull/2269> and <https://github.com/DSpace/DSpace/pull/2471> and <https://github.com/DSpace/DSpace/pull/2522>
 - b. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.df1z7jh9mcc
4. ✔ Permissions on Relations (between Entities)
 - a. Discussed on [Aug 6](#)
 - b. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.y6qarjnylexl
5. Deleting Entities that have existing relations
 - a. ✔ Deletion action itself:
 - i. REST Contract: <https://github.com/DSpace/Rest7Contract/blob/master/relationships.md#deleting-a-relationship> , REST: <https://github.com/DSpace/DSpace/pull/2332> , Angular: <https://github.com/DSpace/dspace-angular/pull/402>
 - ii. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.c62y8iqnvlur
 - b. ⚠ Copy virtual metadata from deleted entity to related entity
 - i. ✔ REST Contract: <https://github.com/DSpace/Rest7Contract/pull/78>
 - ii. ✔ REST Impl: <https://github.com/DSpace/DSpace/pull/2577>
 - iii. ⚠ Angular Impl (in progress / under review): <https://github.com/DSpace/dspace-angular/pull/530> and <https://github.com/DSpace/dspace-angular/pull/533>
6. ✔ Dynamic display of Relations
 - a. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.pm34t6u1djdf
 - b. ⚠ Completed, but may require usability improvements (NEEDS DISCUSSION - may be delayed for v7.1)
7. Submission Integration Tasks
 - a. ✔ Creating new Entities using Submission Forms
 - i. REST: <https://github.com/DSpace/DSpace/pull/2443>
 - ii. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.9aixusqzgcnp
 - b. ⚠ Creating relations between two Entities during Submission process
 - i. ✔ REST Contract: <https://github.com/DSpace/Rest7Contract/pull/64> ,
 - ii. ✔ REST Impl: <https://github.com/DSpace/DSpace/pull/2472>
 - iii. ⚠ Angular Impl (in progress / under review): <https://github.com/DSpace/dspace-angular/pull/531> and <https://github.com/DSpace/dspace-angular/pull/534>
 - iv. Early Docs / Notes: https://docs.google.com/document/d/1X0XsppZYOTptbmQ7yXwmu7FbMAfLxxOCONbw0_r17jY/edit#heading=h.9aixusqzgcnp
 - c. ⚠ Search External Sources (includes ORCID integration with Entities)
 - i. ✔ REST Contract: <https://github.com/DSpace/Rest7Contract/pull/74>
 - ii. ✔ REST Impl: <https://github.com/DSpace/DSpace/pull/2560>
 - iii. **Angular is in implementation (no PR yet)**
 - d. ⚠ Convert External Sources to an Entity
 - i. If an Admin:
 1. ✔ REST Contract: <https://github.com/DSpace/Rest7Contract/pull/82>
 2. ✔ REST Impl: <https://github.com/DSpace/DSpace/pull/2590>
 - ii. If a Submitter (**Feature is NOT specific to Entities, as this is simply porting the "Live Import" framework of DSpace 6.x**)
 1. ⚠ REST Contract under review: <https://github.com/DSpace/Rest7Contract/pull/83>
8. Name Variants
 - a. ⚠ Create name variants in submission
 - i. ✔ REST Impl: <https://github.com/DSpace/DSpace/pull/2561>
 - ii. ⚠ Angular Impl (in progress / under review) - this is included as part of <https://github.com/DSpace/dspace-angular/pull/531>
 - b. ✔ Display name variants on Item pages (Angular)
9. ⚠ OpenAIRE v4 support (using Entities)
 - a. ✔ Configuration of Entities needed for OpenAIRE v4: <https://github.com/DSpace/DSpace/pull/2575>
 - b. ✔ Configuration of Metadata fields/schemas needed for OpenAIRE v4: <https://github.com/DSpace/DSpace/pull/2576>
 - c. ⚠ Configuration of Submission Input Forms for OpenAIRE v4 (under review): <https://github.com/DSpace/DSpace/pull/2608>
 - d. ⚠ Configuration of OAI-PMH for OpenAIRE v4 (under review): <https://github.com/DSpace/DSpace/pull/2592>

10. ⚠️ How to display related items on an Item page if that related item is still in workflow approval
 - a. Early idea is to simply display the related item as plain text metadata (until workflow approval completes).
11. ⚠️ Edit Item page integration
 - a. How to display relationships on "edit metadata" tab in UI. How to add relationships on "relationships" tab in UI.
 - b. Angular UI Mockups discussed/approved on [Nov 5](#) and [Nov 12](#).
12. ❓ Relations in AIP Backup & Restore
 - a. **Discussed on Oct 15**
 - b. Proposal: https://docs.google.com/document/d/1X0XsppZYOtPtbm7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.qi8bp6kog7yi
13. ❓ Creating Relations in SAF Import (might be postponed for a future release)
 - a. Requires AIP Backup & Restore
 - b. Proposal: https://docs.google.com/document/d/1X0XsppZYOtPtbm7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.n8ktliibe7Kj
14. ❓ SWORD integration (might be postponed for a future release)
 - a. Requires AIP Backup & Restore, as SWORD uses the same crosswalks / format as AIP.
 - b. Proposal: https://docs.google.com/document/d/1X0XsppZYOtPtbm7yXwmu7FbMAfLxxOCONbw0_rl7jY/edit#heading=h.xufwy1ep8h2
15. ❓ Best Practices around Entities in Collections (NOT: this may just be early documentation). 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.
 - a. Should we eventually consider hiding these Collections which only serve to store Entity Types?

Notes