Date

17 Oct 2019 from 14:00-15:00 UTC

Location: https://lyrasis.zoom.us/my/dspace (Meeting ID: 502 527 3040).

More connection options available at DSpace Meeting Room

Agenda

- (15 mins) Developer Stand Up - Developers give brief updates on their effort (or their team's effort).
  - Update/see “Current Work” section below based on your status. Please feel free to update prior to meeting.
  - Please highlight any new work (needing reviews/testing), any blockers (for you), and any discussion topics you may have.
- (30 mins) General Discussion Topics
  1. Revisiting REST API Projections: https://jira.duraspace.org/browse/DS-3533
     a. Proof of concept PR: https://github.com/DSpace/DSpace/pull/2547
     b. Slides:

     2019-10---ions.pdf

  2. Reviewing & scoping tasks flagged as "NEEDS MORE INFO" in Development Planning Spreadsheet
     a. This is necessary to prepare for the next phase of the DSpace 7 Estimation Process
- (15 mins) Planning for next week
  - Assigning PRs for Review
  - Next tasks from Development Planning Spreadsheet

Attendees

- Art Lowel (Atmire)
- Andrea Bollini (4Science)
- Tim Donohue
- Lieven Droogmans (on holiday)
- Mark H. Wood
- Giuseppe Digilio (4Science)
- Ben Bosman
- Chris Wiper
- Paulo Graça
- Dimitris Pierrakos
- Julius Gruber
- Laura Henze

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 requested

**PRs Merged this week!**

1. ✔️ (REST) Issue when community has multiple dc.title values [https://github.com/DSpace/DSpace/pull/2486](https://github.com/DSpace/DSpace/pull/2486)
2. ✔️ (REST) Spring security for createAndReturn with parent id [https://github.com/DSpace/DSpace/pull/2489](https://github.com/DSpace/DSpace/pull/2489)
3. ✔️ (REST) DS-4359 add null check to getAllRelationshipTypes [https://github.com/DSpace/DSpace/pull/2545](https://github.com/DSpace/DSpace/pull/2545)
4. ✔️ (REST) DS-4360 fix searchevents link [https://github.com/DSpace/DSpace/pull/2546](https://github.com/DSpace/DSpace/pull/2546)
5. ✔️ (REST) (Entities) CSV Import fixes, improvements to entity validation [https://github.com/DSpace/DSpace/pull/2522](https://github.com/DSpace/DSpace/pull/2522)
6. ✔️ (Angular) Item-Collection Mapper: [https://github.com/DSpace/DSpace/pull/348](https://github.com/DSpace/DSpace/pull/348)
7. ✔️ (Angular) Collection pages WIP: [https://github.com/DSpace/DSpace/pull/472](https://github.com/DSpace/DSpace/pull/472)

**Blocked**

1. (Blocked PRs go here)

**Delayed / Needs Discussion**

1. Managing Authorization info in Angular UI: How to pass Authorization rights (i.e. logged in user's access rights) from REST API to Angular? See for example: [https://github.com/DSpace/dspace-angular/issues/393](https://github.com/DSpace/dspace-angular/issues/393)
   a. Can this be achieved via passed HAL "_links" (e.g. the existence of an "edit" link in REST response means you must have Edit rights)?
b. In July 25 meeting, we noted this probably cannot be resolved with just one simple solution. May need to look at different options for different scenarios.
   i. Also likely to need to store/cache a user's Groups in UI layer, as some areas (e.g. Administrative) require knowledge of user group membership.

2. REST API Projections:
   - DS-3533 - Getting issue details... STATUS
     a. Early work begun at https://github.com/DSpace/DSpace/pull/1847. Discussed in more detail in our Aug 22 meeting. Overall, this approach seems like a good direction, need volunteers to move it forward.
       i. https://github.com/DSpace/Rest7Contract/issues/2 (discussion resumed by Andrea Bollini (4Science) could be relevant for the projection).

3. Initial Performance Testing from Chris.

4. (REST Contract) Edit Homepage News:
   - https://github.com/DSpace/Rest7Contract/pull/46
     a. Delayed until after Preview release. General agreement (in meeting on March 21, 2019) that storing HTML in metadata fields is not really ideal behavior. Metadata (from a librarian standpoint) tends to be free of format-related markup (as that allows for easier sharing, understanding of metadata. Currently Community & Collection homepage information is HTML-based and is stored in metadata that is appropriate for a minor subset of information (like the title) but it is better to move large/rich text to bitstreams.
     b. Proposal here is to consider storing HTML-based markup (for Site, Community & Collection homepages) in Bitstream(s) associated with the object in question. May allow for more CMS-lite behavior in the future.
     c. Timeline for this is uncertain. Possibly in 7 or 8. May depend on how/whether it can be scoped.

5. Concurrency in DSpace 7 (or 8). What do we want to do when multiple editors are editing the same object? Needs further analysis regarding implementation details.
   a. We’ve decided (in meeting on March 7, 2019) to use ETags to implement concurrency. REST Contract notes on ETags: https://github.com/DSpace/Rest7Contract#etags--conditional-headers
   b. ETags only update if the two fields match. If someone edits first, your edit would fail and you would get a fail response (422?)
   c. ETags seems to have broader support in other REST APIs. Recommended also by both Art and Andrea.

Notes

- Revisiting REST API Projections: https://jira.duraspace.org/browse/DS-3533
  1. Proof of concept PR: https://github.com/DSpace/DSpace/pull/2547
  2. Slides that Chris Wilper presented

3. Also some early "best practice" notes started at Guide to Resource Linking and Embedding (DRAFT)
   - Overall, team approves of this direction. We decided we might want to rework the proof of concept PR to be based on code already in ’master’ (currently it is based on the Bundles PR#2548 which is still under review)
     • We might think of doing proof of concept based on Item relationships, or maybe Community - Collection - Item relationships. These are both in master already, and an initial PR against either might be easier to review/approve more immediately than basing it off Bundles
   - All should review the initial PR and provide any other feedback. Direction is good though.
   - Reviewing & scoping tasks flagged as "NEEDS MORE INFO" in Development Planning Spreadsheet
     • Only made it through first 3 in that spreadsheet
     • Tim will setup a Doodle poll for a separate meeting on this with Andrea, Art & Ben (minimally). Others are welcome too (get in touch). Hopefully if we all review this spreadsheet we can quickly go through it in one meeting to determine how to scope each (and whether anything in the spreadsheet still requires deeper discussion).