

2019-08-15 DSpace 7 Working Group Meeting

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Date

NO MEETING ON August 15. Instead, all developers please update your status in the "Current Work" section below! Feel free to add PRs needing attention/review, etc. We will next meet on Thursday, August 22.

Attendees

- Art Lowel (Atmire)
- Andrea Bollini (4Science)
- Tim Donohue - Out Aug 12-13 and 16-20
- Heather Greer Klein
- Lieven Droogmans
- Mark H. Wood
- Giuseppe Digilio (4Science) - Out on Aug 8 and 15
- Ben Bosman
- Pascal-Nicolas Becker
- Chris Wilper
- Terrence W Brady
- Paulo Graça
- Dimitris Pierrakos - Out of the office until Aug 19
- Julius Gruber
- Laura Henze

Current Work

Legend for status icons

★ = Highest Priority tasks (please prioritize these reviews/tasks over others). Currently this lists tasks/features that need to be completed for Preview Release.

blocked URL = review done (this week), changes were requested.

blocked URL = review done, approved.

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

Tickets / PRs In Progress

1. (Angular) Adding Accessibility via Travis CI <https://github.com/DSpace/dspace-angular/pull/356> (work in progress) (Lower priority)
2. blocked URL (Angular Bug) <https://github.com/DSpace/dspace-angular/issues/368> (Art Lowel (Atmire))
3. (REST Contract) Edit Homepage news: <https://github.com/DSpace/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (Lower priority)
4. (REST) DS-4043: Revisit the security layer of the submission (work in progress) Andrea Bollini (4Science)
5. blocked URL (REST Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (Waiting on updates from Ben Bosman)

PRs Needing Review

1. (REST Contract) Collecting statistics - <https://github.com/DSpace/Rest7Contract/pull/63> (Dimitris Pierrakos, Andrea Bollini (4Science) blocked URL Feedback provided, Ben Bosman , ✓ Tim Donohue)
2. (REST Contract) Update bitstream properties and format <https://github.com/DSpace/Rest7Contract/pull/68> (✓ Tim Donohue, Andrea Bollini (4Science) blocked URL Feedback provided)
3. (NEW) (REST Contract) DS-4317 bundles in REST <https://github.com/DSpace/Rest7Contract/pull/72>
4. (NEW) (REST Contract) upload bitstream to archived item - update <https://github.com/DSpace/Rest7Contract/pull/71>
5. (REST) Pagination bug with withdrawn items: <https://github.com/DSpace/DSpace/pull/2406> (Dimitris Pierrakos , Ben Bosman - Feedback provided)
6. (REST) implement upload bitstream to archived item <https://github.com/DSpace/DSpace/pull/2473> (Tim Donohue - ⚠ Feedback provided, Andrea Bollini (4Science)- blocked URL Feedback provided)

7. **(NEW)** (REST) Issue when community has multiple dc.title values <https://github.com/DSpace/DSpace/pull/2486> (✓ Tim Donohue, **NEEDS SECOND REVIEWER**)
8. (Angular) (Entities) Deleting relationships: <https://github.com/DSpace/dspace-angular/pull/402> (Paulo Graça - will test again, Tim Donohue)
9. (Angular) Move Item Component: <https://github.com/DSpace/dspace-angular/pull/335> (Giuseppe Digilio (4Science) ⚠️ reviewed and provided feedback, Tim Donohue - ⚠️ Feedback provided)
10. (Angular) Item-Collection Mapper: <https://github.com/DSpace/dspace-angular/pull/348> (Tim Donohue - ⚠️ Feedback provided, **NEEDS SECOND REVIEWER**)
11. (Angular) Shibboleth integration support: <https://github.com/DSpace/dspace-angular/pull/429> (Julius running into an error with 'yarn start' only) (Giuseppe Digilio (4Science) feedback provided, Fernando FCT/FCCN, Paulo Graça)
12. (Angular) Submission Miscellaneous fixes: <https://github.com/DSpace/dspace-angular/pull/432> (Art Lowel (Atmire) will re-review, Julius Gruber)
13. (Angular) UI Language Cookie <https://github.com/DSpace/dspace-angular/pull/443> (✓ Tim Donohue, Paulo Graça)
14. **(Updated)** (Angular) Convert i18n files to JSON5 format <https://github.com/DSpace/dspace-angular/pull/439> (Tim Donohue, **NEEDS SECOND REVIEWER**)
15. **(NEW)** (Angular) Search Performance optimizations #2 <https://github.com/DSpace/dspace-angular/pull/437> (**NEEDS REVIEWERS**)
16. **(NEW)** (Angular) bitstream format registries <https://github.com/DSpace/dspace-angular/pull/455> (Tim Donohue, Art Lowel (Atmire) blocked URL reviewed and provided feedback)
17. Indirect entity refs during CSV import <https://github.com/DSpace/DSpace/pull/2471> (Ben Bosman, Tim Donohue)
18. (Backend) Solr 7 fixes for upgrading to DSpace 7 <https://github.com/DSpace/DSpace/pull/2393> (**NEEDS REVIEWERS**)

PRs Merged this week!

1. ✓ (Angular) Disable e2e tests in travis <https://github.com/DSpace/dspace-angular/pull/454>
2. ✓ (Angular) flatten i18n files <https://github.com/DSpace/dspace-angular/pull/457>
3. ✓ (Angular) Edit current item query <https://github.com/DSpace/dspace-angular/pull/440>

Blocked

1. (Blocked PRs go here)

Delayed / Needs Discussion

1. **(REST) Scripts & Processes endpoint:** <https://github.com/DSpace/Rest7Contract/pull/17>
 - a. How do we move this forward? In our Jan 24 meeting, Tim noted a risk of "scope creep" with this feature suggestion. This idea has been tabled since then.
 - b. In July 25 meeting, Atmire said they'd come back with notes on the proposed backend implementation.
2. **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>
 - 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
3. Initial Performance Testing from Chris.
 - a. <https://cwilper.github.io/dspace-perftest/>
4. (REST Contract) Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
 - 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 of 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.
6. Not discussed much, but could there be opportunities to use Travis CI + Docker Compose for testing of Angular??
 - Docs: <https://docs.travis-ci.com/user/docker/#using-docker-compose>
 - Blogpost on how to do it: <http://elliott.land/post/using-docker-compose-on-travis-ci>
 - An example travis.yml file: <https://github.com/Ortus-Solutions/docker-buildfiles/blob/master/.travis.example.yml>

Notes