

2019-07-11 DSpace 7 Working Group Meeting

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Date

11 Jul 2019 from [14:00-15:00 UTC](#)

Location: <https://duraspace.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. (Topic #1) Short mention from [Andrea Bollini \(4Science\)](#) about the strategy to adopt to manage relations (entities) in the submission. The expectation is to enhance/update the workspaceitem endpoint as required but to don't use directly the item endpoint (i.e. /api/core/items/:uuid/relation). As soon a design document/PR/idea is ready [Andrea Bollini \(4Science\)](#) will be happy to provide feedback, please just ping
 2. (Topic #2) (Used time for a deeper discussion of outstanding PR)
 3. Improved Estimation Strategy for Beta release. (Estimates should include time for discussion / code reviews, also should be done by multiple developers)
 - a. [Development Planning Spreadsheet](#) needs to be updated, so that we can determine what (outstanding) tasks need estimation.
 - b. Will be using [Wideband Delphi estimation technique](#)
- (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](#)
- [Heather Greer Klein](#)
- [Lieven Droogmans](#)
- [Mark H. Wood](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#)
- [Pascal-Nicolas Becker](#)
- [Chris Wilper](#)
- [Terrence W Brady](#)
- [Pablo Prieto](#)
- [Paulo Graça](#)
- [Bill Tantzen](#)

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.

★ = Priority for OR2019 (Preview #2 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)
6. blocked URL (REST) Pagination issues on Items findAll - <https://github.com/DSpace/DSpace/pull/2406> (Waiting for confirmation of proposed approach by Andrea Bollini (4Science) from Kevin Van de Velde (Atmire) and any other interested/available)
7. (Backend) **DS-4257**: Renaming "dspace-spring-rest" to "dspace-server" (Tim Donohue). (Timeline: Not likely to be completed until after OR2019)
8. (NEW) (Angular) Shibboleth Login <https://github.com/DSpace/dspace-angular/pull/417> (there are Travis CI errors)
9. (Angular) Transfer to .po message format - Initial PR: <https://github.com/DSpace/dspace-angular/pull/366> (Paulo Graça blocked URL, blocked URL Tim Donohue , Art Lowel (Atmire))

PRs Needing Review

1. (REST Contract) Collecting statistics - <https://github.com/DSpace/Rest7Contract/pull/63> (Dimitris Pierrakos, Andrea Bollini (4Science) - ❌ change s requested, Ben Bosman)
2. (REST) Item Mapper functionality: <https://github.com/DSpace/DSpace/pull/2282> (blocked URL Tim Donohue , blocked URL Ben Bosman - resolve merge conflicts)
3. (REST) (Entities) DS-4223 Metadata Schemas for configurable entities <https://github.com/DSpace/DSpace/pull/2443> (Paulo Graça ✅, Mark H. Wood)
4. (Higher priority) (REST) [DS-4266] bitstream format registry <https://github.com/DSpace/DSpace/pull/2442> (Ben Bosman, Andrea Bollini (4Science) - ❌ changes requested)
5. (REST) Pagination bug with withdrawn items: <https://github.com/DSpace/DSpace/pull/2406> (Dimitris Pierrakos , Ben Bosman - Feedback provided)
6. ✅ (REST) [DS-4298] changed the PathVariable for the upload method: <https://github.com/DSpace/DSpace/pull/2467> (blocked URL Ben Bosman , ✅ Tim Donohue)
7. (Angular) (Entities) Deleting relationships: <https://github.com/DSpace/dspace-angular/pull/402> (Paulo Graça - will test again, Tim Donohue)
8. ✅ (Angular) Selectable Themes. <https://github.com/DSpace/dspace-angular/pull/419> (Paulo Graça ✅, Tim Donohue, tested by Laura Henze)
9. (Angular) (Entities) DS-4223 Metadata Schemas for configurable entities <https://github.com/DSpace/dspace-angular/pull/420> (Paulo Graça ✅, Tim Donohue)
10. ✅ (Angular) Configurable browse-by <https://github.com/DSpace/dspace-angular/pull/421> (closes #361) (✅ Tim Donohue , Paulo Graça ✅, Giuseppe Digilio (4Science) blocked URL approved)
11. (Angular) Move Item Component: <https://github.com/DSpace/dspace-angular/pull/335> (Giuseppe Digilio (4Science), **NEEDS SECOND REVIEWER**)
12. (Angular) Item-Collection Mapper: <https://github.com/DSpace/dspace-angular/pull/348> (**NEEDS REVIEWERS**)
a. Uses DSpace PR#2282 (see above)
13. (Angular) Add missing ResourcePolicyService: <https://github.com/DSpace/dspace-angular/pull/427> (Giuseppe Digilio (4Science) blocked URL changes requested, Art Lowel (Atmire))
14. (Angular) Shibboleth integration support (WORK IN PROGRESS): <https://github.com/DSpace/dspace-angular/pull/429> (**Julius is looking for feedback/help**) (Giuseppe Digilio (4Science) **needs a rebase of branch** , Fernando FCT/FCCN - does this PR really have more than 1600 files changed?)
15. (Backend) Upgrading to Handle Server v9: <https://github.com/DSpace/DSpace/pull/2394> (Mark H. Wood, blocked URL Ben Bosman)
16. (Backend) Update email templates to use Velocity (for richer, powerful templates): <https://github.com/DSpace/DSpace/pull/1992> (Chris Wilper , ✅ Tim Donohue, Art Lowel (Atmire))
17. (Merge on/around July 19th) (Backend) One Webapp Phase 2: Rename "dspace-spring-rest" to "dspace-server-webapp": <https://github.com/DSpace/DSpace/pull/2459> (Mark H. Wood, Alexander Sulfrian, Terrence W Brady)

PRs Merged this week!

1. ✅ (REST Contract) upload bitstream to archived item - <https://github.com/DSpace/Rest7Contract/pull/61>
2. ✅ (REST Contract) Document need to escape special characters - <https://github.com/DSpace/Rest7Contract/pull/58>
3. ✅ (REST) Some minor code cleanup in the tests: <https://github.com/DSpace/DSpace/pull/2448>
4. ✅ (REST) (Entities) Relationship search by label: <https://github.com/DSpace/DSpace/pull/2450>
5. ✅ (REST) (Entities) DS-4244 Add configurable entities unit tests <https://github.com/DSpace/DSpace/pull/2446>
6. ✅ (REST) DS-4210 Deposit on collection without workflow seems to fail (405 but succeed): <https://github.com/DSpace/DSpace/pull/2429>
7. ✅ (REST) Updating Owning Collections (Moving Items between collections): <https://github.com/DSpace/DSpace/pull/2283>

8. ✓ (Backend) Minor dependency updates to "master": <https://github.com/DSpace/DSpace/pull/2425>
9. ✓ (Backend) Our extensive EHCACHE configuration is ignored: <https://github.com/DSpace/DSpace/pull/2397>

Blocked

1. (Blocked PRs go here)

Delayed / Needs Discussion

1. Initial Performance Testing from Chris. **Needs detailed discussion in a future meeting**
 - <https://cwilper.github.io/dspace-perftest/>
2. (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.
3. (REST) Scripts & Processes endpoint: <https://github.com/DSpace/Rest7Contract/pull/17>
4. 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.
5. 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

- Most of meeting involved a detailed walkthrough/assignment of outstanding PRs (in order to move them forward ASAP). Notes are inline above.