

# 2019-11-21 DSpace 7 Working Group Meeting

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## Date

No meeting on Thurs, Nov 28th because of the USA Thanksgiving holiday (28th-29th).

05 Dec 2019 from [15:00-16:00 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
  - NO MEETING Next week (Nov 28)
  - (Ongoing Topic) High priority [REST Authorization](#) efforts (and upcoming PR from [Andrea Bollini \(4Science\)](#) ). Any questions or concerns needing discussion?
- (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](#)
- [Mark H. Wood](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#)
- [Chris Wilper](#)
- [Paulo Graça](#)
- [Dimitris Pierrakos](#)
- [Julius Gruber](#)
- [Laura Henze](#)
- [Pascal-Nicolas Becker](#)

## 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 / PRs In Progress

1. (Angular) Adding Accessibility via Travis CI <https://github.com/DSpace/dspace-angular/pull/356> (work in progress) (*Lower priority*)
2. ⚠️ (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. (REST) Pagination bug with withdrawn items: <https://github.com/DSpace/DSpace/pull/2406> (Dimitris Pierrakos , Ben Bosman - Feedback provided)

## PRs Needing Review

1. (REST Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (Tim Donohue - feedback provided, Andrea Bollini (4Science) - ⚠️ feedback provided)
2. (REST Contract) Workflow step definitions <https://github.com/DSpace/Rest7Contract/pull/91> (Andrea Bollini (4Science), ✓ Mark H. Wood)
3. (REST Contract) Contract for resource policies: <https://github.com/DSpace/Rest7Contract/pull/87> (Ben Bosman , Tim Donohue - minor feedback provided)
4. ★ (REST Contract) Contract for authorizations endpoints <https://github.com/DSpace/Rest7Contract/pull/92> (Ben Bosman, Paulo Graça, Tim Donohue)
5. (REST) Scripts and processes endpoint <https://github.com/DSpace/DSpace/pull/2529> 1 APPROVAL (Tim Donohue - ⚠️ Controllers need minor corrections, Dimitris Pierrakos) - Was reviewed by Ben Bosman internally.
6. (REST) Ds 4317 bundles in rest <https://github.com/DSpace/DSpace/pull/2548> (✓ Ben Bosman, Tim Donohue - ⚠️ Controllers need minor corrections, Chris Wilper)
  - a. Also requires PR#509 (Angular), otherwise Angular demo will break
7. ★ (REST) REST Projections initial PR: <https://github.com/DSpace/DSpace/pull/2547> (Andrea Bollini (4Science) , ✓ Ben Bosman , ✓ Tim Donohue )
8. (REST) CRUD for collection item template <https://github.com/DSpace/DSpace/pull/2579> (Michael Spalti, Kevin Van de Velde (Atmire))
9. (REST) REST endpoint for discovering withdrawn and private items. <https://github.com/DSpace/DSpace/pull/2580> (Tim Donohue, Ben Bosman )
10. (NEW) (REST) Bug in GET collections <https://github.com/DSpace/DSpace/pull/2594> 1 APPROVAL (Tim Donohue)
11. (NEW) (REST) DS-4389 improving patch system framework Part 1 <https://github.com/DSpace/DSpace/pull/2591> (Andrea Bollini (4Science), Tim Donohue)
12. (Angular) Shibboleth integration support: <https://github.com/DSpace/dspace-angular/pull/429> (Giuseppe Digilio (4Science) reviewed again **fixed error with yarn start**, Fernando FCT/FCCN, Paulo Graça - feedback provided)
13. (Angular) Tracking stats from the UI <https://github.com/DSpace/dspace-angular/pull/495> (Tim Donohue , Paulo Graça , Chris Wilper )
14. (Angular) Add community & collection tree <https://github.com/DSpace/dspace-angular/pull/505> (Tim Donohue , Michael Spalti , Paulo Graça )
15. (Angular) Edit collection - content source tab <https://github.com/DSpace/dspace-angular/pull/506> 1 APPROVAL (Paulo Graça - issues found, **NEEDS SECOND REVIEWER**)
16. ★ (Angular) Refactor Submission Parsers <https://github.com/DSpace/dspace-angular/pull/508> (Giuseppe Digilio (4Science) , Tim Donohue )
17. (Angular) Add support for bundles <https://github.com/DSpace/dspace-angular/pull/509> 1 APPROVAL ( ✓ Tim Donohue, ✓ Chris Wilper )
  - a. Depends on PR#2548 (REST API)
18. (Angular) Add/Edit Community and Collection Logos <https://github.com/DSpace/dspace-angular/pull/512> (Art Lowel (Atmire) - ⚠️ provided feedback, Tim Donohue )
19. (Angular) Search Sidebar refactor <https://github.com/DSpace/dspace-angular/pull/513> 1 APPROVAL (Tim Donohue, **NEEDS SECOND REVIEWER**)
20. (NEW) (Angular) Spanish Translation <https://github.com/DSpace/dspace-angular/pull/515> 1 APPROVAL (MERGED)
21. (NEW) (Angular) i18n: Placeholder catalogs as a starting point for translators <https://github.com/DSpace/dspace-angular/pull/521> (**NEEDS REVIEWERS**)
22. (Backend) dspace.bat file: <https://github.com/DSpace/DSpace/pull/2544> 1 APPROVAL (Tim Donohue - will test on Windows, Mark H. Wood - ⚠️ feedback provided , Alexander Sulfrian, Chris Wilper , Andrea Bollini (4Science) - ✓ verified on linux)

## PRs Merged this week!

1. ✓ (Angular) Refactor object lists <https://github.com/DSpace/dspace-angular/pull/497>
2. ✓ (Angular) forceBypassCache should be removed from the RequestService: <https://github.com/DSpace/dspace-angular/pull/468>
3. ✓ (Angular) Routing by handle and uuid: <https://github.com/DSpace/dspace-angular/pull/490>
4. ✓ (Angular) i18n sync script <https://github.com/DSpace/dspace-angular/pull/504>

## 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>
  - 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
    - ii. Andrea Bollini (4Science) has investigated on that and created the following resources/proposals:
    - iii. **REST Authorization**
    - iv. <https://github.com/DSpace/Rest7Contract/pull/87>
    - v. <https://github.com/4Science/Rest7Contract/pull/1>

2. **REST API Projections:** Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- a. Work begun in *t*
    - i. Based on detail discussions in our Oct 17 meeting.
  - b. (Outdated) 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.
  - c. <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.
- 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 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