

# 2019-12-19 DSpace 7 Working Group Meeting

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## Date

19 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](#)

Dec 19 is our final meeting of 2019. We will **not** meet on Thursday Dec 26 or Thursday, Jan 2. Our next [DSpace 7 Working Group \(2016-2023\)](#) meeting will be on **Thursday, Jan 9**.

## 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. Updated [DSpace 7 Release Plan Spreadsheet](#)
    - a. "Release" column lists approximately what remaining features will be in 7.0beta1-5, along with those likely delayed for 7.1 or 7.2
    - b. As of 2020, we will be working towards the beta1 / beta2 releases via "sprints". Goal for beta1 is in Feb, with beta2 in March.
  2. (Other Topics?)
- (15 mins) Planning for next week
  - Assigning PRs for Review

## 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)
6. (REST) Update to JDK 11: <https://github.com/DSpace/DSpace/pull/2611>

## PRs Needing Review

1. (REST Contract) Group and person management: <https://github.com/DSpace/Rest7Contract/pull/41> (Tim Donohue - feedback provided, Andrea Bollini (4Science) - ⚠️ feedback provided)
2. (REST Contract) Workflow actions (update) <https://github.com/DSpace/Rest7Contract/pull/96> 1 APPROVAL (Tim Donohue, **NEEDS SECOND REVIEWER**)
3. (REST) REST endpoint for discovering withdrawn and private items. <https://github.com/DSpace/DSpace/pull/2580> (Tim Donohue ✅, Ben Bosman ✅)
4. (REST) DS-4389 improving patch system framework Part 1 <https://github.com/DSpace/DSpace/pull/2591> (Andrea Bollini (4Science), Tim Donohue - **REREVIEW**, Michael Spalti )
5. (REST) Initial Implementation of Resource Policies endpoint: <https://github.com/DSpace/DSpace/pull/2604> (Ben Bosman - feedback provided, Tim Donohue - **REREVIEW**, Andrea Bollini (4Science))
6. (REST) Small Bitstore fix to work correctly with multiple stores: <https://github.com/DSpace/DSpace/pull/2597> 1 APPROVAL (Mark H. Wood ✅, Tim Donohue ) **MERGE**
7. (REST) [DS 4287] Refactoring the IndexableObject & SolrServiceImpl <https://github.com/DSpace/DSpace/pull/2612> (Ben Bosman - feedback provided, Tim Donohue - **FINISH REVIEW**)
8. (REST) DS-4351 upgrade dependencies <https://github.com/DSpace/DSpace/pull/2619> (Tim Donohue, Chris Wilper)
9. (**NEW**) (REST) Projections continued: <https://github.com/DSpace/DSpace/pull/2625> (Ben Bosman, Tim Donohue)
10. (**NEW**) (Angular) Projections continued (merge with REST PR 2625): <https://github.com/DSpace/dspace-angular/pull/548> 1 APPROVAL (Art Lowel (Atmire), Tim Donohue)
11. (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)
12. (Angular) Edit collection - content source tab <https://github.com/DSpace/dspace-angular/pull/506> 1 APPROVAL (Paulo Graça - issues found, Tim Donohue )
13. (Angular) Add/Edit Community and Collection Logos <https://github.com/DSpace/dspace-angular/pull/512> (Art Lowel (Atmire) ✅, Tim Donohue - ⚠️ tested again, works but has usability issues - **will log as bugs**)
14. (**NEW**) (Angular) Upgrade to angular 7 <https://github.com/DSpace/dspace-angular/pull/547> (Art Lowel (Atmire) , Tim Donohue)
15. (**NEW**) (Angular) Disregard the response body for statistic event calls <https://github.com/DSpace/dspace-angular/pull/544> (Tim Donohue ✅, Paulo Graça )
16. (Backend) dspace.bat file: <https://github.com/DSpace/DSpace/pull/2544> 1 APPROVAL (Tim Donohue - ✅ Verified on Windows. One minor change needed, Mark H. Wood , Alexander Sulfrian, Chris Wilper , Andrea Bollini (4Science) - ✅ verified on linux)
17. (Backend) [DS-4393] Discovery clean index fix <https://github.com/DSpace/DSpace/pull/2607> 1 APPROVAL (Paulo Graça, Ben Bosman ✅) **MERGE**
18. (**NEW**) (Backend) [DS-4239] Migrate the workflow.xml to spring <https://github.com/DSpace/DSpace/pull/2420> (Ben Bosman, Tim Donohue)

## PRs Merged this week!

1. ✅ first PR goes here

## 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. 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
  - b. Work is ongoing, but has been started in these areas:
    - i. Summary of ideas: [REST Authorization](#)
    - ii. Contract for Authorization Endpoints: <https://github.com/DSpace/Rest7Contract/pull/92>
    - iii. Contract for Authorization Endpoints: [https://github.com/DSpace/Rest7Contract/pull/92](#)
2. **REST API Projections**: Unable to locate Jira server for this macro. It may be due to Application Link configuration.
  - a. Work begun in [https://github.com/DSpace/Rest7Contract/pull/92](#)
    - 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. 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