

# 2019-11-07 DSpace 7 Working Group Meeting

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## Date

07 Nov 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
  1. (Ongoing Topic) Any feedback to discuss around [REST Authorization](#) (from [Andrea Bollini \(4Science\)](#))?
  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](#)
- [Mark H. Wood](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#)
- [Chris Wilper](#)
- [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 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 \(Atmire\)](#) )

- (REST Contract) Edit Homepage news: <https://github.com/DSpace/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (Lower priority)
- (REST) [DS-4043](#): Revisit the security layer of the submission (work in progress) Andrea Bollini (4Science)
- (REST) Pagination bug with withdrawn items: <https://github.com/DSpace/DSpace/pull/2406> (Dimitris Pierrakos , Ben Bosman - Feedback provided)
- (REST Contract) ResourcePolicy endpoint - coming before next meeting

## PRs Needing Review

- (REST Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (Tim Donohue - feedback provided, Andrea Bollini (4Science) - ⚠️ feedback provided)
- (NEW) REST Contract for resourcepolicies: <https://github.com/DSpace/Rest7Contract/pull/87> (Ben Bosman , Tim Donohue - minor feedback provided)
- (REST) Scripts and processes endpoint <https://github.com/DSpace/DSpace/pull/2529> FEEDBACK HAS BEEN PROCESSED (Tim Donohue - ⚠️ concerns about creating a lot of new Controllers, Dimitris Pierrakos) - Was reviewed by Ben Bosman internally.
- (REST) Ds 4317 bundles in rest <https://github.com/DSpace/DSpace/pull/2548> (✅ Ben Bosman, Tim Donohue - ⚠️ concerns about creating a lot of new Controllers, Chris Wilper )
  - Also requires PR#509 (Angular), otherwise Angular demo will break
- (REST) (HIGH PRIORITY) REST Projections initial PR: <https://github.com/DSpace/DSpace/pull/2547> (Andrea Bollini (4Science) , Ben Bosman , Tim Donohue )
- (REST) Ds 4358 tests in modules <https://github.com/DSpace/DSpace/pull/2553> 1 APPROVAL (✅ Tim Donohue) (MERGE IMMEDIATELY)
- (REST) CRUD on Collection & Community logo <https://github.com/DSpace/DSpace/pull/2562> 1 APPROVAL (Chris Wilper, Tim Donohue) (QUICK REVIEW & MERGE IMMEDIATELY)
- (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)
- (Angular) forceBypassCache should be removed from the RequestService: <https://github.com/DSpace/dspace-angular/pull/468> (✅ Art Lowe (Atmire) - approved again, Giuseppe Digilio (4Science) approved )
- (Angular) Routing by handle and uuid: <https://github.com/DSpace/dspace-angular/pull/490> (Art Lowe (Atmire) , Giuseppe Digilio (4Science) approved, Tim Donohue , Andrea Bollini (4Science) - might be able to help with pid endpoint)
- (Angular) Tracking stats from the UI <https://github.com/DSpace/dspace-angular/pull/495> (Tim Donohue , Paulo Graça )
- (Angular) (HIGH PRIORITY) Refactor object lists <https://github.com/DSpace/dspace-angular/pull/497> (Giuseppe Digilio (4Science) ⚠️ changes requested, Tim Donohue)
- (Angular) Add community & collection tree <https://github.com/DSpace/dspace-angular/pull/505> (Tim Donohue , NEEDS SECOND REVIEWER)
- (Angular) (HIGH PRIORITY) i18n sync script <https://github.com/DSpace/dspace-angular/pull/504> 1 APPROVAL (Giuseppe Digilio (4Science), Tim Donohue , ✅ Bram Luyten (Atmire), Paulo Graça )
- (Angular) Edit collection - content source tab <https://github.com/DSpace/dspace-angular/pull/506> 1 APPROVAL (Paulo Graça , NEEDS SECOND REVIEWER)
- (NEW) (Angular) Refactor Submission Parsers (HIGH PRIORITY) <https://github.com/DSpace/dspace-angular/pull/508> (Giuseppe Digilio (4Science) , Tim Donohue )
- (NEW) (Angular) Add support for bundles <https://github.com/DSpace/dspace-angular/pull/509> (NEEDS REVIEWERS)
  - Depends on PR#2548 (REST API)
- (Backend) dspace.bat file: <https://github.com/DSpace/DSpace/pull/2544> 1 APPROVAL (Tim Donohue - will test on Windows, Alexander Sulfrian, Chris Wilper , Andrea Bollini (4Science) - will test on linux)

## PRs Merged this week!

- ✅ (REST Contract) bundle DELETE contract <https://github.com/DSpace/Rest7Contract/pull/86>
- ✅ (REST) DS-4337 implement bitstream-bitstreamformat relation endpoints <https://github.com/DSpace/DSpace/pull/2503>

## Blocked

- (Blocked PRs go here)

## Delayed / Needs Discussion

- 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>
  - 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)?
  - 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
    - 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
    - Andrea Bollini (4Science) has investigated on that and created the following resources/proposals:
    - REST Authorization
    - <https://github.com/DSpace/Rest7Contract/pull/87>
    - <https://github.com/DSpace/Rest7Contract/pull/87>
- REST API Projections:** Unable to locate Jira server for this macro. It may be due to Application Link configuration.
  - Work begun in [PR#1847](#)
    - Based on detail discussions in our [Oct 17 meeting](#).
  - (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.
  - <https://github.com/DSpace/Rest7Contract/issues/2> (discussion resumed by Andrea Bollini (4Science) could be relevant for the projection)
- 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