

# 2019-05-30 DSpace 7 Working Group Meeting

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## Date

30 May 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. OR2019 Planning
    - a. Which features to complete before OR2019?
      - i. Theming/Branding strategy, One Webapp refactor, Solr upgrade process??
    2. 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](#) - **ON HOLIDAY MAY 24-29**
- [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).

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

✔ = 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. ⚠ (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 Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (Waiting on updates from Ben Bosman )
6. ⚠ (REST) Pagination issues on Items findAll - <https://github.com/DSpace/DSpace/pull/2406> (Waiting on updates from Andrea Bollini (4Science) )
7. (Backend) **DS-4257**: Renaming "dspace-spring-rest" to "dspace-server" (Tim Donohue). (*Timeline: Not likely to be completed until after OR2019*)

## PRs Needing Review

1. (REST Contract) Bitstream formats: <https://github.com/DSpace/Rest7Contract/pull/59> (✔ Paulo Graça , ✔ Tim Donohue , ✔ Andrea Bollini (4Science) )
2. (REST Contract) PUT contract in relationships: <https://github.com/DSpace/Rest7Contract/pull/60> (Tim Donohue , Paulo Graça )
3. (REST) Refactor PatchBadRequestException to DSpaceBadRequestException and fix improper 500 response errors: <https://github.com/DSpace/DSpace/pull/2403> (Paulo Graça , ✔ Andrea Bollini (4Science) )
4. ★ (**LOW PRIORITY**) (REST) DS-4210 Deposit on collection without workflow seems to fail (405 but succeed) (**work in progress - Needs support on identify failure on the test env will be appreciated**): <https://github.com/DSpace/DSpace/pull/2429> (Chris Wilper )
5. (REST) Updating Owning Collections (Moving Items between collections): <https://github.com/DSpace/DSpace/pull/2283> (Tim Donohue , ✔ Ben Bosman )
6. (REST) Item Mapper functionality: <https://github.com/DSpace/DSpace/pull/2282> (Tim Donohue , Ben Bosman )
7. (REST) PUT contract in relationships: <https://github.com/DSpace/DSpace/pull/2440> (*related to Contract PR#60*) (Paulo Graça , Tim Donohue )
8. ★ (**HIGH PRIORITY**) (Angular) Transfer to .po message format - Initial PR: <https://github.com/DSpace/dspace-angular/pull/366> (Paulo Graça , ✔ Tim Donohue , Art Lowel (Atmire) )
9. ★ (**MEDIUM PRIORITY**) (Angular) Group entity types together: <https://github.com/DSpace/dspace-angular/pull/401> (✔ Tim Donohue , Paulo Graça )
10. (Angular) Deleting relationships: <https://github.com/DSpace/dspace-angular/pull/402> (Paulo Graça , Tim Donohue )
11. ★ (**HIGHEST PRIORITY**) (Angular) Fix fixed filters issue <https://github.com/DSpace/dspace-angular/pull/407> (**MERGE FIRST**) (Paulo Graça , Tim Donohue )
12. (Angular) Switch to using HAL links for entity relationships <https://github.com/DSpace/dspace-angular/pull/408> (Dependent on PR#401) (Paulo Graça , Tim Donohue )
13. (Angular) Security fix for WS-2019-0058: <https://github.com/DSpace/dspace-angular/pull/410> (Travis build Dependent on 407. Tim Donohue - Merge after #407)
14. (Backend) Upgrading to Handle Server v9: <https://github.com/DSpace/DSpace/pull/2394> (Mark H. Wood, Ben Bosman )
15. (Backend) Our extensive EHCACHE configuration is ignored: <https://github.com/DSpace/DSpace/pull/2397> (Terrence W Brady , ✔ Tim Donohue, Chris Wilper )
16. (Backend) Make hard-coded list of metadata registry files configurable: <https://github.com/DSpace/DSpace/pull/2116> (✔ Tim Donohue , Ben Bosman )
17. (Backend) Minor dependency updates to "master": <https://github.com/DSpace/DSpace/pull/2425> (✔ Mark H. Wood , **NEEDS SECOND REVIEWER**)
18. (Backend) Update email templates to use Velocity (for richer, powerful templates): <https://github.com/DSpace/DSpace/pull/1992> (**NEWLY UPDATED PR**)

## PRs Merged this week!

1. (first PR goes here)

## BLOCKED

1. (Angular) Move Item Component: <https://github.com/DSpace/dspace-angular/pull/335>
  - a. Blocked by DSpace PR#2283
2. (Angular) Item-Collection Mapper: <https://github.com/DSpace/dspace-angular/pull/348>
  - a. Blocked by DSpace PR#2282

## Delayed

1. (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.
2. (REST) Scripts & Processes endpoint: <https://github.com/DSpace/Rest7Contract/pull/17>
  3. 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.

## Priorities for Preview Release

As discussed in previous DSpace 7 meetings, our DSpace 7 Preview release is aimed for early May, followed by a Preview #2 in May (before OR2019). The top priorities for the Preview Release are (in this order):

1. Submission & Workflow UI / backend
2. Configurable Entities (from [DSpace 7 Entities Working Group](#))
3. [Upgrading Solr Server for DSpace](#) (*not required for Preview, as there's no user facing features. However, the earlier we feel comfortable merging this effort the better*)

Priorities for OR2019 revolve around features or needs that we want to show off in Workshops/Presentations. These include

1. Finalizing theming/branding strategy for new UI
2. [DSpace Backend as One Webapp](#)
3. Finalizing (as much as reasonable) the upgrade process (including Solr, Handle Server, etc)

## Notes

- 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>