

# 2019-05-16 DSpace 7 Working Group Meeting

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## Date

16 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. Preview 2 Release at end of May. Which features should fit in that release?
      - 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](#)
- [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](#)

## 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) Updating Owning Collections: <https://github.com/DSPACE/DSPACE/pull/2283> (Kevin Van de Velde (Atmire) - changes requested. Implementation doesn't align with contract) (*Timeline: Should be ready a week after the entities are merged*)
5. (REST) Item Mapper functionality: <https://github.com/DSPACE/DSPACE/pull/2282> (Kevin Van de Velde (Atmire) - changes requested. Implementation doesn't align with contract) (*Timeline: Should be ready a week after the entities are merged*)
6. (REST) DS-4043 Revisit the security layer of the submission (work in progress) Andrea Bollini (4Science)
7. **blocked URL** (REST Contract) Group and eperson management: <https://github.com/DSPACE/Rest7Contract/pull/41> (Waiting on updates from Ben Bosman )
8. **blocked URL** (REST) Pagination issues on Items findAll - <https://github.com/DSPACE/DSPACE/pull/2406> (Waiting on updates from Andrea Bollini (4Science) )

## PRs Needing Review

1. (REST) Refactor PatchBadRequestException to DSpaceBadRequestException and fix improper 500 response errors: <https://github.com/DSPACE/DSPACE/pull/2403> (**Needs RE-REVIEW** Andrea Bollini (4Science) )
2. ★ (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>
3. ★ (Angular) Transfer to .po message format - Initial PR: <https://github.com/DSPACE/dspace-angular/pull/366> (Paulo Graça , Tim Donohue , Art Lowel (Atmire) **UPDATED. NEEDS RE-REVIEW Preview 2**)
4. ★ (MERGE ON MONDAY) (Backend) One Webapp Backend - Initial PR: <https://github.com/DSPACE/DSPACE/pull/2265> (Ben Bosman ,  Mark H. Wood ,  Terrence W Brady )
  - a. This PR will have a follow-up PR to rename the "dspace-spring-rest" webapp to "dspace-server" and update all URL configurations
5. ★ (Backend) Upgrading to Handle Server v9: <https://github.com/DSPACE/DSPACE/pull/2394> (Mark H. Wood)
6. ★ (Backend) Our extensive EHCACHE configuration is ignored: <https://github.com/DSPACE/DSPACE/pull/2397> (Terrence W Brady )
7. (Backend) Make hard-coded list of metadata registry files configurable: <https://github.com/DSPACE/DSPACE/pull/2116> (**NEEDS REVIEWERS**)
8. **blocked URL** (Angular) Misc Preview fixes Part 2 <https://github.com/DSPACE/dspace-angular/pull/398> (Paulo Graça , Tim Donohue )
9. **blocked URL** (Angular) Misc Preview fixes Part 2 Themed version <https://github.com/DSPACE/dspace-angular/pull/399> (Paulo Graça , Tim Donohue )

## PRs Merged this week!

1.  ★ (REST Contract) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/Rest7Contract/pull/57>
2.  **blocked URL** (REST) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/DSPACE/pull/2376>
  - a.  ★ (REST) Fixes based on Feedback on Configurable Entities <https://github.com/DSPACE/DSPACE/pull/2418>
  - b.  ★ (REST) More Fixes based on Feedback on Configurable Entities: <https://github.com/DSPACE/DSPACE/pull/2422>
3.  **blocked URL** (Angular) MyDSpace UI (<https://github.com/DSPACE/dspace-angular/pull/384>)
4.  **blocked URL** (Angular) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/dspace-angular/pull/372>
5.  **blocked URL** (Angular) Tweaks for new entities data: <https://github.com/DSPACE/dspace-angular/pull/390>
6.  **blocked URL** (Angular) Miscellaneous fixes: <https://github.com/DSPACE/dspace-angular/pull/392>
7.  ★ (Angular) Preview Release Theme (**only applied to 'preview' branch, and not 'master'**): <https://github.com/DSPACE/dspace-angular/pull/389>
8. **blocked URL** (Angular) [DS-4236] fix issues with collection recent submissions #397: <https://github.com/DSPACE/dspace-angular/pull/397>

## 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 of 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 \(2018-19\)](#))
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

- Tim has holiday coming up (May 24-29, returning May 30).
- Preview Release Planning
  - Demo sites need updating with demo data for Configurable Entities & Submission
  - [Andrea Bollini \(4Science\)](#) will do this for REST API demo site: <https://dSPACE7.4science.cloud/dspace-spring-rest/>
    - SQL dump & Assetstore download links are available at <https://github.com/DSpace-Labs/DSpace-Docker-Images/blob/master/docker-compose-files/dspace-compose/load.entities.yml#L10-L15>
  - Install instructions (will be started by Tim) will be at: [Installing DSpace \(OLD - to be removed\)](#)
    - Should include also Docker instructions based off <https://dSPACE-labs.github.io/DSpace-Docker-Images/documentation/run.DSPACE7Entities.html>
  - Cutting the release
    - Tags in GitHub
    - [Prepare Preview Release for Docker](#)
- OR2019
  - Features we are looking to get in
    - One Webapp PR. Will be merged on Monday (after Preview) and deployed to demo sites immediately (Demo sites will continue to track `master` and not on `preview` only): <https://github.com/DSpace/DSpace/pull/2265>
    - Atmire has been preparing Angular modularization of Entities Types PR (e.g. Journal templates/components all packaged in a Journal module). This will be ready in a new PR early next week
    - Theming/Branding Strategy. [Art Lowel \(Atmire\)](#) has some ideas but hasn't had a chance to look at it. Will look at next week
  - Workshop: Tim will talk with Andrea & Art on planning (DONE!)