

# 2019-04-25 DSpace 7 Working Group Meeting

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## Date

25 Apr 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. Preview 1 Release Status (Goal is **end of April**). Where do we sit?
  2. 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.
  3. 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.
- (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. (REST Contract) Edit Homepage news: <https://github.com/DSpace/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (*Lower priority*)
3. (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*)
4. (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*)

## PRs Needing Review

1. **blocked URL** (REST Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (**Waiting on updates from Ben Bosman**)
2. ★ (REST Contract) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/Rest7Contract/pull/57> (Mark H. Wood - approved., Paulo Graça - approved, Andrea Bollini (4Science) - changes requested)
3. ★ (REST) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/DSpace/pull/2376> (Tom Desair reviewed, Paulo Graça - approved, Andrea Bollini (4Science) - awaiting a second review)
4. **blocked URL** (REST) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/DSpace/pull/2409> (Andrea Bollini (4Science), Tim Donohue)
5. **blocked URL** (REST) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/DSpace/pull/2411> (Andrea Bollini (4Science), Tim Donohue)
6. (REST) Refactor PatchBadRequestException to DSpaceBadRequestException and fix improper 500 response errors: <https://github.com/DSpace/DSpace/pull/2403> (**Needs updates** - conflict to solve Andrea Bollini (4Science) review done)
7. ★ (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**)
8. ★ (Angular) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/dspace-angular/pull/372> (Paulo Graça - approved, Giuseppe Digilio (4Science) **RE-REVIEW**, Tim Donohue, Art Lowel (Atmire) - retested, looks fine)
9. (Angular) Preview release theme: <https://github.com/DSpace/dspace-angular/pull/376> (Tim Donohue - *Will be merged into a "preview" branch*)
10. (Angular) Preview release theme, extended for entities: <https://github.com/DSpace/dspace-angular/pull/389> (Tim Donohue - *Will be merged into a "preview" branch*)
11. **blocked URL blocked URL** (Angular) MyDSpace UI (<https://github.com/DSpace/dspace-angular/pull/384>) (Art Lowel (Atmire), Paulo Graça - **NEEDS RE-REVIEW** Tim Donohue, Giuseppe Digilio (4Science) **REPLIED TO REVIEW, NEEDS FINAL APPROVAL**)
12. ⚠ (Angular Bug) <https://github.com/DSpace/dspace-angular/issues/368> (Andrea Bollini (4Science) - information added, Art Lowel (Atmire))
13. ★ (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
14. ★ (Backend) Upgrading to Handle Server v9: <https://github.com/DSpace/DSpace/pull/2394> (Mark H. Wood)
15. ★ (Backend) Our extensive EHCache configuration is ignored: <https://github.com/DSpace/DSpace/pull/2397> (Terrence W Brady)
16. **blocked URL** (REST) Pagination issues on Items findAll - <https://github.com/DSpace/DSpace/pull/2406> (Tim Donohue, Kevin Van de Velde (Atmire))

## PRs Merged this week!

1. ✓★ (Angular) Content-Type fallback <https://github.com/DSpace/dspace-angular/pull/386>
2. ✓ (Angular) Morgan vulnerability fix <https://github.com/DSpace/dspace-angular/pull/388>
3. ✓ (REST) Embed EPerson Groups on EPerson: <https://github.com/DSpace/DSpace/pull/2216>
  - a. ✓ (Angular) UI updates for this change (require #2216): <https://github.com/DSpace/dspace-angular/pull/385>
4. ✓ **blocked URL** (REST) MyDSpace Endpoint PR: <https://github.com/DSpace/DSpace/pull/2391>

## 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 end of April, 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*)

## Notes

- Tim is out next Mon-Weds (April 29-May 1) but will be checking email occasionally. Will return in time for next week's meeting on May 2
- Preview 1 Release
  - We are a little behind, but not by much. Seems hard to make "end of April" (especially with Tim traveling). But, we could make very early May.
  - We need **ideally by end of April**
    - A second reviewer on the Configurable Entities REST API PR (Tim already reached out on #dev and #entities-wg channels)
    - A final review of Configurable Entities Angular UI from [Giuseppe Digilio \(4Science\)](#) (Andrea said he should be able to do it by early next week)
    - A final review of MyDSpace Angular UI PR from [Art Lowel \(Atmire\)](#) and/or [Paulo Graça](#) (as this PR has had updates from Giuseppe)
  - Next week we can then work to package up the "Preview" release (with the Preview theme)
- OR2019 Planning
  - A second preview release by OR2019, featuring
    - One Webapp PR (from Tim)
    - Ideally, Solr upgrade process (from Mark W)
    - Theming/branding strategy (Art is working on ideas to bring forward)
    - Possible updates to Entities TBD by [DSpace 7 Entities Working Group \(2018-19\)](#)
- Tim will restart [DSpace 7 Entities Working Group \(2018-19\)](#) in early May. See that wiki page or #entities-wg for more info
- Beta estimation Planning
  - Will be using an estimation process used by other DuraSpace projects/services (called [Wideband Delphi estimation technique](#)) Involves estimates from multiple developers, and pads those estimates with a level of certainty/uncertainty around each feature
    - likely will break down the estimation by UI vs REST API. May have additional categories as well.
  - Tim & Heather need [Art Lowel \(Atmire\)](#) and [Andrea Bollini \(4Science\)](#) to update/check the Development planning spreadsheet (see agenda above) by May 2 meeting. Need to finalize which features are not likely to be done by OR2019, so we can schedule them for estimation process.