

# 2019-05-02 DSpace 7 Working Group Meeting

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## Date

02 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. Preview 1 Release Status (Goal is **May 3 or 6**). 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.
    - 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 \(Atmire\)](#) - apologize
- [Andrea Bollini \(4Science\)](#)
- [Tim Donohue](#) - apologize
- [Heather Greer Klein](#) - apologize
- [Lieven Droogmans](#) - apologize
- [Mark H. Wood](#) - apologize
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#) - apologize
- [Pascal-Nicolas Becker](#) - apologize
- [Chris Wilper](#) - apologize
- [Terry Brady](#) - apologize
- [Pablo Prieto](#) - apologize
- [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).
- ⊗ = review done (this week), changes were requested.
- ✔ = review done, approved.
- ⚠ = review done, merge conflict or other minor changes requests

## Tickets / PRs In Progress

- (Angular) Adding Accessibility via Travis CI <https://github.com/DSPACE/dspace-angular/pull/356> (work in progress) (*Lower priority*)
- (REST Contract) Edit Homepage news: <https://github.com/DSPACE/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (*Lower priority*)
- (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*)
- (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

- ⚠ (REST Contract) Group and eperson management: <https://github.com/DSPACE/Rest7Contract/pull/41> (**Waiting on updates from Ben Bosman**)
- ★ (REST Contract) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/Rest7Contract/pull/57> (Mark H. Wood - ✔, Paulo Graça - ✔, Andrea Bollini (4Science) - changes requested) - discussed today Paulo Graçawill double check the latest comments from Andrea Bollini (4Science), it looks reasonable to postpone PUT discussion to a separate PR if disagreement cannot be solved quickly
- ★ (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)
- ★ (REST) Configurable Entities (Part 1 - Architecture & Display) <https://github.com/DSPACE/DSPACE/pull/2414> (Andrea Bollini (4Science) ✔, Paulo Graça )
- ★ (REST) Configurable Entities (Part 1 - Architecture & Display) <https://github.com/DSPACE/DSPACE/pull/2418> (Andrea Bollini (4Science) small changes requested, Paulo Graça)
- (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)
- ☆ (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**)
- ★ (Angular) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/dspace-angular/pull/372> ( Paulo Graça - ✔, Giuseppe Digilio (4Science) ✔, Tim Donohue, Art Lowel (Atmire) - retested, looks fine)
- (Angular) Preview release theme: <https://github.com/DSPACE/dspace-angular/pull/376> (Tim Donohue - *Will be merged into a "preview" branch*)
- (Angular) Preview release theme, extended for entities: <https://github.com/DSPACE/dspace-angular/pull/389> (Tim Donohue - *Will be merged into a "preview" branch*)
- ★ ⚠ (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**)
- ⚠ (Angular Bug) <https://github.com/DSPACE/dspace-angular/issues/368> (Andrea Bollini (4Science) - information added, Art Lowel (Atmire) )
- ☆ (Backend) **One Webapp Backend** - Initial PR: <https://github.com/DSPACE/DSPACE/pull/2265> (Ben Bosman, ✔ Mark H. Wood, ✔ Terry Brady)
  - This PR will have a follow-up PR to rename the "dspace-spring-rest" webapp to "dspace-server" and update all URL configurations
- ☆ (Backend) Upgrading to Handle Server v9: <https://github.com/DSPACE/DSPACE/pull/2394> (Mark H. Wood)
- ☆ (Backend) Our extensive EHCACHE configuration is ignored: <https://github.com/DSPACE/DSPACE/pull/2397> (Terry Brady)
- ☆ (REST) Pagination issues on Items findAll - <https://github.com/DSPACE/DSPACE/pull/2406> (Tim Donohue, Kevin Van de Velde (Atmire))

## PRs Merged this week!

- ✔ (REST) Update to Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/DSPACE/pull/2409>
- ✔ ★ (REST) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSPACE/DSPACE/pull/2411> (Andrea Bollini (4Science) ✔, Tim Donohue ✔)

## BLOCKED

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

## Delayed

- (REST Contract) Edit Homepage News: <https://github.com/DSPACE/Rest7Contract/pull/45>
  - 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

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