

# 2019-04-18 DSpace 7 Working Group Meeting

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## Date

18 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 Release Planning (Deadline/Goal is **end of April**). Where do we sit?
  2. Early Planning for OR2019
- (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.

[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 - reviewed, Andrea Bollini (4Science) - outstanding questions to be solved before a second review)
4. **blocked URL** (REST) Configurable Entities feedback: <https://github.com/DSpace/DSpace/pull/2404> (Tim Donohue)
5. ★ (REST) MyDSpace Endpoint PR: <https://github.com/DSpace/DSpace/pull/2391> (Ben Bosman, Tim Donohue, Kevin Van de Velde (Atmire)) - previous discussion here: <https://github.com/4Science/DSpace/pull/65> - all needed changes done, **can be merged?**
6. (REST) Embed EPerson Groups on EPerson: <https://github.com/DSpace/DSpace/pull/2216> (Tim Donohue, Paulo Graça - approved)
  - a. (Angular) UI updates for this change (should be tested with #2216): <https://github.com/DSpace/dspace-angular/pull/385> (Tim Donohue, Paulo Graça - approved)
7. (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)
8. ⚠️ (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**)
9. ★ (Angular) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/dspace-angular/pull/372> (Paulo Graça - approved. Giuseppe Digilio (4Science) still reviewing code, Tim Donohue, Art Lowel (Atmire) - retested, looks fine)
10. (Angular) Preview release theme: <https://github.com/DSpace/dspace-angular/pull/376> (Tim Donohue - *Should this be merged into "master" or a "preview" branch?*)
11. **blocked URL blocked URL** (Angular) MyDSpace UI (<https://github.com/DSpace/dspace-angular/pull/384>) (Art Lowel (Atmire), Paulo Graça, Tim Donohue, Giuseppe Digilio (4Science) **NEEDS SECOND REVIEW**)
12. **blocked URL** (Angular) Content-Type fallback <https://github.com/DSpace/dspace-angular/pull/386> (Paulo Graça, Tim Donohue)
13. ⚠️ (Angular Bug) <https://github.com/DSpace/dspace-angular/issues/368> (Andrea Bollini (4Science) - information added, Art Lowel (Atmire))
14. (Backend) **One Webapp Backend** - Initial PR: <https://github.com/DSpace/DSpace/pull/2265> (Ben Bosman, Mark H. Wood, Terrence W Brady - tested and found issues in getting RDF/SWORDv1 working in Docker)
  - a. This PR will have a follow-up PR to rename the "dspace-spring-rest" webapp to "dspace-server" and update all URL configurations
  - a. Docker changes to merge after this PR is merged: <https://github.com/DSpace-Labs/DSpace-Docker-Images/pull/96>
15. (Backend) Upgrading to Handle Server v9: <https://github.com/DSpace/DSpace/pull/2394> (Mark H. Wood)
16. (Backend) Our extensive EHCACHE configuration is ignored: <https://github.com/DSpace/DSpace/pull/2397/files> (Terrence W Brady)

## PRs Merged this week!

1. (Angular) Additional docs and tests: <https://github.com/DSpace/dspace-angular/pull/380>
2. (Angular) Fix facet UI issue: <https://github.com/DSpace/dspace-angular/pull/382>
3. (Angular) Fix 2 small edit item metadata issues: <https://github.com/DSpace/dspace-angular/pull/383>
4. (REST) EPerson profile PATCH functionality: <https://github.com/DSpace/DSpace/pull/2257>

## 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 **first few weeks of April**, followed by a Beta 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

- From DuraSpace Summit
  - DSpace Slides (see especially slide on DSpace 7 commits – greater than DSpace 3, 4, 5 and 6 combined): [https://docs.google.com/presentation/d/1MG9GidYaYE5aitM\\_yr5v4TlwvqcJ4DPY0wk-gAaAF1Q/edit](https://docs.google.com/presentation/d/1MG9GidYaYE5aitM_yr5v4TlwvqcJ4DPY0wk-gAaAF1Q/edit)
- New schedule. Preview #1 by end of April, Preview #2 by end of May (for OR2019). Beta would be later in Summer (timeline needs to be narrowed down)
  - Several note we need better estimates for what is left to do for Beta. It's hard to give a realistic schedule for Beta (or see if we are on track) without those estimates
  - DuraSpace team (Heather, Mic & Tim) will discuss estimation tools. There's one we've used internally for other projects which might be adaptable for this. Accurate estimates will require several individuals helping out in estimation though. We can do some more planning next week
- OR2019
  - Jyrki (Steering Chair & OR2019 organizer) offered to change our DSpace 7 presentation titles or abstracts if any need updates prior to OR2019. Get in touch with Tim or Jyrki if you want to tweak things
  - Tim will be organizing the DSpace 7 Workshop (with Art & Andrea) and the DSpace 7 Update talk (Tim will present but will require feedback from all)
  - First name listed on various talks is assumed to be the organizer of that talk. But, if you need help, ask for it!
  - Before OR2019, we'll want a Preview #2 release to add some more features for the Workshops
    - Begin thinking about features we should prioritize for this Preview #2. Currently, it seems like we'll want to concentrate on Install, Upgrade and Theming/Branding (as all of those are important topics for the DSpace 7 Workshop)
  - This will be an ongoing topic for future meetings.