

# 2019-03-21 DSpace 7 Working Group Meeting

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## Date

21 Mar 2019 from [15:00-16:00 UTC](#) (At end of March, this meeting will switch to 14:00 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. Search UI Facet Issues: <https://github.com/DSpace/dspace-angular/issues/368>
  2. Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
    - a. Reporting back on implementation suggestions/ideas. Do we implement as metadata on the Site object (similar to Community /Collection news sections)? Do we implement in a different manner?
  3. *(add a discussion topic)*
- (15 mins) Planning for next week
  - Assigning PRs for Review
  - Next tasks from [Development Planning Spreadsheet](#)

## Attendees

- [Art Lowel \(Atmire\)](#)
- [Andrea Bollini \(4Science\)](#) - traveling, apologize
- [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. ★ (Angular) MyDSpace UI (work in progress) (Timeline: ~~Should be ready by Feb 28, delayed 5th March~~, delayed 12th March due to sub optimal Search implementation, need to run against the updated MyDSpace REST API PR - Blocked until discussion around the MyDSpace Endpoint is solved see 2312 and <https://github.com/4Science/DSpace/pull/65>)
3. (REST Contract) Edit Homepage news: <https://github.com/DSpace/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (Lower priority)
4. ★ (REST) MyDSpace Endpoint (Andrea Bollini (4Science) **Early Reviewers:** Ben Bosman , Tim Donohue (everything in place, first review comments answered, *ITs provided on the 3rd March*) on the 4Science repo against the 2312 PR <https://github.com/4Science/DSpace/pull/65>)
5. (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*)
6. (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*)
7. (Angular) Improve Search Performance: There are too many unnecessary re-renders on the search page, and that slows it down significantly (Timeline: *March 28th*)

## 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)
3. **blocked URL** ★ (REST) Workflow Endpoint: <https://github.com/DSpace/DSpace/pull/2312> (Tim Donohue , Ben Bosman Re-reviewed and additional feedback added., All change requests implemented - answers provided also for latest feedbacks)
4. ⚠ (REST) EPerson profile PATCH functionality : <https://github.com/DSpace/DSpace/pull/2257> (Andrea Bollini (4Science) , Tim Donohue . This PR currently has merge conflicts & has outstanding feedback from Tom Desair)
5. ★ (REST) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/DSpace/pull/2376> (**NEW PR**, Tom Desair reviewed, Paulo Graça )
6. ★ (Angular) Submission implementation: <https://github.com/DSpace/dspace-angular/pull/279> (Art Lowel (Atmire) , Paulo Graça - will re-review latest changes, Tim Donohue . All change requests implemented, needs final approval
7. ⚠ (Angular) Transfer to .po message format - Initial PR: <https://github.com/DSpace/dspace-angular/pull/366> (Paulo Graça - changes requested, Tim Donohue , Art Lowel (Atmire) - requested updates. Currently failing build.)
8. ★ (Angular) Configurable Entities (Part 1 - Architecture & Display): <https://github.com/DSpace/dspace-angular/pull/372> (**NEW PR**, Paulo Graça )
9. (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
10. (Backend) **Upgrading Solr Server for DSpace** - Initial PR: <https://github.com/DSpace/DSpace/pull/2058> (Terrence W Brady , Kim Shepherd , Art Lowel (Atmire)) (**READY TO MERGE!**)
  - a. Might have an impact on MyDSpace PR (See "In Progress" section)?
  - b. Docker changes to merge after this PR is merged: <https://github.com/DSpace-Labs/DSpace-Docker-Images/pull/96>
11. <https://github.com/DSpace/dspace-angular/issues/368> (Andrea Bollini (4Science), Giuseppe Digilio (4Science), Tim Donohue, Ben Bosman)
12. Performance Testing bug: <https://github.com/DSpace/DSpace/pull/2379> (Terrence W Brady )
13. (Angular) Search performance optimizations: <https://github.com/DSpace/dspace-angular/pull/374> (Giuseppe Digilio (4Science) )
14. (Angular) Bootstrap security update: <https://github.com/DSpace/dspace-angular/pull/375> (Giuseppe Digilio (4Science) )

## PRs Merged this week!

1. ✓ (Angular) Context sensitive admin menus <https://github.com/DSpace/dspace-angular/pull/367> (Paulo Graça - approved, Tim Donohue - approved)
2. ✓ ★ (Docker) <https://github.com/DSpace-Labs/DSpace-Docker-Images/pull/95>

## 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) Scripts & Processes endpoint: <https://github.com/DSpace/Rest7Contract/pull/17>
2. 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 March**, 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

- [Chris Wilper](https://wiki.duraspace.org/display/DSPACE/DSpace+7+Performance+Testing) has begun Performance Testing of DSpace 7. Follow along or join in at: <https://wiki.duraspace.org/display/DSPACE/DSpace+7+Performance+Testing>
  - First Performance bug found: <https://github.com/DSpace/DSpace/pull/2379>
- Discussion Topic: Search UI Facet Issues: <https://github.com/DSpace/dspace-angular/issues/368>
  - Art has seen Andrea's latest comment. Thinks the direction sounds reasonable, but needs more analysis on the Angular side to ensure there's no side-effects
  - Art will analyze & report back on the ticket itself. If needed, we can always re-discuss next week
- Discussion Topic: Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
  - High level summary: Should we store HTML "news" sections (for Site, Community & Collection) in **metadata** (as they are currently)? Or should we treat the HTML parts as HTML **bitstreams**?
  - Does HTML in metadata matter all that much?
    - Tim notes that it tends to be a best practice for librarians to keep **formatting markup** out of metadata. It clutters the metadata and makes it harder to understand or share with others (via OAI-PMH or similar). It also can be unclear what the markup **means** unless you assume it is a standard format like HTML or similar.
    - General agreement among those in attendance that HTML in metadata **is not ideal**.
  - Andrea notes that some fields **are** metadata though. Like the Site name or Community/Collection name. Yes, some of these fields can be treated like metadata, but other parts of homepages (HTML especially) are hard to treat as metadata.
  - Atmire (Ben & Lieven) will come back with a proposal / list of options for moving these ideas forward **after the Preview Release**.
  - Currently, it's unclear if we'll solve this all in DSpace 7 or wait for 8. But, we have a general consensus that the current solution (HTML in metadata) is problematic for the long term.
- Discussion (from Standup): How to move forward Workflow Endpoint: <https://github.com/DSpace/DSpace/pull/2312>
  - We should solve the security issues noted by Kevin **now**. It's not ideal to have security issues in "master" if we already know how to solve them.
- Upcoming schedule
  - **Preview Release timeline is now first few weeks of April** (reported to Steering yesterday). We are looking pretty good for that schedule if we can get all the blue star ★ items reviewed by end of March (or first week of April)
- **Tim is out of the office next Monday & Tuesday (March 25-26)**. Will return on Weds.