

2020-10-29 DSpace 7 Working Group Meeting

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Date

29 Oct 2020 from 15:00-16:00 UTC

Location: <https://lyrasis.zoom.us/my/dspace> (Meeting ID: 502 527 3040). **Passcode:** dspace

- More connection options available at [DSpace Meeting Room](#)

As of this week, meeting time has changed to **15:00-16:00 UTC**. For those where daylight saving time (DST) has ended (e.g. Europe), this should be the same (local) time as last week. For those where DST has not yet ended (e.g. USA), this is *one hour later for this week only*.

Beta 5 Sprint : Ongoing



- Development begins on Beta 5
- [DSpace 7 Project Boards](#)
- View PRs assigned to you for review/testing: <https://github.com/pulls/review-requested>

Agenda

- **(BEFORE MEETING IN #dev-sprint)** 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. (15mins) Discussion: "Workflow Actions refresh entire MyDSpace page instead of just WorkflowItem" <https://github.com/DSpace/dspace-angular/issues/721>
 - a. [Giuseppe Digilio \(4Science\)](#) will add notes to the ticket describing where he feels the problem is. Entire team will brainstorm possible solutions
 - b. As discussed last week, if this turns out to be a major effort, we may need to discuss whether to delay for 7.1. If it needs to be delayed, a possible "quick fix" (just for the "Claim Task" button) is to consider implementing a preview page <https://github.com/DSpace/dspace-angular/issues/772>
 2. (15mins) Reviewing larger tasks scheduled for Beta 5.
 - a. Are there any that could be delayed for 7.1? *Possible candidates from Tim:*
 - i. (Quick fix or delay for 7.1) Cannot drag & drop multiple files at once: <https://github.com/DSpace/dspace-angular/issues/820> (40 hours)
 1. [Giuseppe Digilio \(4Science\)](#) : will look into possible quick fix in current library (to limit multiple upload).
 - ii. (Keep in Beta 5) Usability issues with both Controlled Vocab & Configurable Entities enabled on same field: <https://github.com/DSpace/dspace-angular/issues/847> (48 hours)
 1. Alternative solution: Configure to use a simple one-box instead of the lookup button.
 2. [Giuseppe Digilio \(4Science\)](#) : send me configuration to try out locally.
 - iii. (Split in two, part in Beta 5 and part in 7.1) Support separate themes per community/collection (like XMLUI): <https://github.com/DSpace/dspace-angular/issues/729> (70 hours)
 1. *Atmire help split into two tasks after upgrade to Angular 10.*
 - b. Which larger tasks should be prioritized first (cause of dependencies)? How to split these up between the teams
 - i. Angular 10 upgrade: <https://github.com/DSpace/dspace-angular/issues/787> (60 hours)
 1. *4Science by first week of Dec.*
 - ii. (in parallel to Angular 10) Angular Cache Redesign: <https://github.com/DSpace/dspace-angular/issues/739> (70 hours) and <https://github.com/DSpace/dspace-angular/issues/740> (40 hours)
 1. *Atmire by first week of Dec.*
 - iii. Cleanup of the existing theme for UI: <https://github.com/DSpace/dspace-angular/issues/728> (40 hours)
 - iv. Simple second template theme for UI: <https://github.com/DSpace/dspace-angular/issues/727> (30 hours)
 - v. Auto-save in item submission breaks the form: <https://github.com/DSpace/dspace-angular/issues/835> (40 hours)
 - (30 mins) Planning for next week
 - Review of our [Beta 5 Project Board](#) & assigning PRs to reviewers.
 - Beginning to assign work

Attendees

- [Art Lowel \(Atmire\)](#)
- [Andrea Bollini \(4Science\)](#)
- [Tim Donohue](#)
- [Lieven Droogmans](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#)
- [Paulo Graça](#)

7.0 Release Goals

These resources define the prioritization and general schedule we are working towards

- [DSpace 7 Release Goals](#) : overview of goals/timelines & beta release process
- [DSpace 7 Release Plan spreadsheet](#): our planning spreadsheet which details which features are scheduled for each Beta release.

Current Work

Project Board

DSpace 7.0 Beta 5 Project Board: <https://github.com/orgs/DSpace/projects/4>

To quickly find PRs assigned to you for review, visit <https://github.com/pulls/review-requested> (This is also available in the GitHub header under "Pull Requests Review Requests")

Security / Performance Tests

Brainstorming options for security testing & performance testing. How do we want to handle both of these prior to 7.0 final?

1. Security Review/Scanning of pre-7.0
 - a. Is Testathon an opportunity to have a third-party do a security review and/or scan of the codebase? If so, any ideas of who could do this work?
 - b. Ideally, we build security tests into Integration Test framework to ensure we are checking permissions at all times
 - i. In March 2020, 4Science did an analysis of existing IT security coverage (as part of [DS-4411](#)) here: https://docs.google.com/document/d/13DMZ1iYE04D_6_8lrnHr10uqKkz5RqMU6tWJMrHv88Y/edit
 - ii. An update to this analysis could be performed, concentrating on any new gaps.
 - c. Other ideas?
2. Performance testing of pre-7.0
 - a. Again, is this an opportunity for Testathon? How/Where do we find someone with a large scale DSpace to test pre-7.0 with? (There's also [Chris Wilper's JMeter scripts](#) from 2019 which might be able to provide some basic feedback here)
 - b. Ideally, again it'd be nice if we could perform this sort of analysis in a more automated/regular basis (perhaps via Integration Tests which load a lot of dummy data?).
 - c. Other ideas?

Delayed / Needs Discussion

1. Finalize / approve the initial list of all authorization features which we should implement for the [/api/authz/features REST endpoint](#). This list of features should be limited to *only features which are required to enable/disable User Interface functionality*. (In other words, we can always add more features in the future. We just need to approve the list necessary for 7.0)
 - i. Review current spreadsheet (from [Andrea Bollini \(4Science\)](#)) : https://docs.google.com/spreadsheets/d/1182LcD_WqIZRbUGWpLtBw0aOMR9jhbOVb7GZqtTpR9A/edit?usp=sharing
 1. [Art Lowel \(Atmire\)](#) : I don't see any immediate issues with the current set of features, but I would prefer a consistent naming scheme. I'd use canDoSomething for everything
 2. [Tim Donohue](#) added possible renames of these features based on Art's idea (see cell comments in spreadsheet). I like the "can[DoSomething]" naming scheme as well.
2. (REST Contract) Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
 - a. Delayed. 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.

Notes