

# 2020-10-15 DSpace 7 Working Group Meeting

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## Date

15 Oct 2020 from [14:00-15:00 UTC](#)

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

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

Beta 5 Sprint : Ongoing



- Planning Sprint for 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. (20mins) Discussion of Auto-Save behavior in Submission UI: <https://github.com/DSpace/dspace-angular/issues/835>
    - a. 4Science added feedback at <https://github.com/DSpace/dspace-angular/issues/835#issuecomment-707260909>
  2. (5mins) Ongoing brainstorming options for security testing & performance testing. How do we want to handle both of these prior to 7.0 final?
    - a. See notes in "Security / Performance Tests" section below
  3. (5mins) Reschedule upgrade to Angular 9? Angular 8 becomes EOL in one month: <https://github.com/DSpace/dspace-angular/issues/787#issuecomment-707952594>
- (30 mins) Planning for Beta 5
  - Review of our [Beta 5 Project Board](#) & assigning issues for estimation which have [Estimate TBD](#) label
  - 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\\_8lrnHrI0uqKkz5RqMU6tVJMrHv88Y/edit](https://docs.google.com/document/d/13DMZ1iYE04D_6_8lrnHrI0uqKkz5RqMU6tVJMrHv88Y/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](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