

# 2020-11-05 DSpace 7 Working Group Meeting

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## Date

05 Nov 2020 from [15:00-16:00 UTC](#)

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

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

Beta 5 Sprint : Ongoing



- Ongoing development on [Beta 5](#)
- 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) Security & Performance Testing prior to 7.0 Final
    - a. What tasks would we like to see prior to 7.0 final? Tim will have an opportunity to present these to DSpace Leadership to see if we can find volunteers to help with these tasks
    - b. Tasks for Security Review
      - i. Third party to run a security analysis/scan (e.g. see OWASP list of [vulnerability scanning tools](#) or list of [free security tools](#)) against REST API
      - ii. Third party to run a security analysis/scan against Angular UI
      - iii. **Create a Wiki page on DSpace 7 Security Analysis of what work we've already done. (Reviewed by someone in Leadership)**
    - c. Tasks for Performance Testing
      - i. Third party to install/upgrade to DSpace 7 in a dev environment with...
        1. Large site overall (in terms of number of Items)
        2. Large Community/Collection hierarchy
        3. Thousands of Items in one Collection
        4. One item with 100s of Bitstreams
        5. Lots of Authors on a single Item
    - d. See also [brainstorms below](#)
- (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\\_8lrnHrI0uqKkz5RqMU6tWJMrHv88Y/edit](https://docs.google.com/document/d/13DMZ1iYE04D_6_8lrnHrI0uqKkz5RqMU6tWJMrHv88Y/edit)
    - ii. An update to this analysis could be performed, concentrating on any new gaps.
  - c. Better document expected permissions for all endpoints in the REST API.
  - d. **Create a Wiki page on DSpace 7 Security Analysis of what work we've already done.**
  - e. 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