2023-09-14 DSpace Developers Meeting

Developers Meeting on Thurs, September 14, 2023

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  - Time/Location
  - Agenda
  - Upcoming Topics
  - Current Work
    - Project Boards
    - Goals for 8.0
    - Goals for 7.6.1
    - Try "Pull Request Trading" for a quicker review
  - Notes

Time/Location

14 Sep 2023 from 14:00-15:00 UTC

Location: https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUU4SnhPPr9YenVrTFJkbMDdOQ09 (Meeting ID: 502 527 3040). Passcode: dspace

- More connection options available at DSpace Meeting Room

Agenda

- Discussion Topics - If you have a topic you’d like to have added to the agenda, please just add it.
  1. Enable the use of multiple database Sessions per request concept needs wider discussion and testing.
  2. "/api/config/properties" REST endpoint issues
    a. Inefficiency: Can only return a single property at a time. If the UI needs 3 settings to build a page, it has to make 3 requests to this endpoint. https://github.com/DSpace/DSpace/issues/9056
    b. Confusing 404 responses: 404 is returned when a property is disabled/empty. Should this be a "204 No Content"? https://github.com/DSpace/DSpace/issues/9014
  3. 7.6.x release topics - bug-fixes only.
    a. Performance issues with Groups with 1,000+ Members: https://github.com/DSpace/DSpace/issues/9052
    b. Performance issues (on Workflow Tasks page) when logged-in EPerson belongs to many Groups: https://github.com/DSpace/DSpace/issues/9053
    c. (NEW) Angular UI makes multiple GET /server/api requests for each page it builds: https://github.com/DSpace/dspace-angular/issues/2482
  4. 8.0 release topics
    a. Updates to the OpenAIRE Correction Service PR: https://github.com/DSpace/DSpace/pull/8184 Ready for review & testing again.
  5. (Other topics?)
    - Board Review & assignments:
      - Backlog Board - Are there any tickets here stuck in the "Triage" column? We’d like to keep this column as small as possible.
      - 7.6.1 Project Board - Assign new PRs to volunteers to code review and/or test.
      - 8.0 Project Board - Assign new PRs to volunteers to code review and/or test.
    - Ongoing discussions. Any brief updates / brainstorms from anyone? (Feel free to also add thoughts to the pages themselves)
      1. Angular: library-based architecture proposal (4Science)
      2. DSpace Preservation-enabled Storage via CCFL (Lyrisys, post-8.0)
      3. ORCID Improvements to the Login Flow (4Science, post-8.0)

Attendees

- Tim Donohue
- Art Lowel (Atmire)
- Andrea Bollini (4Science)
- Paulo Graça
- Mark H. Wood
- Grazia Quercia (4Science)
- Corrado Lombardi (4Science)
- Julian Timal (eScire)
- Martin Walk
- Melissa Anez
- Oliver Goldschmidt
- Hrafn Malmquist

Upcoming Topics

If you have a topic for a future meeting, please add it here.
Current Work

Project Boards

- DSpace 7.6.1 board: https://github.com/orgs/DSpace/projects/29
- DSpace 8.0 board: https://github.com/orgs/DSpace/projects/27

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")

Goals for 8.0

This were decided by Steering in their meeting on June 28, 2023.

1. Move forward major features which missed 7.x.
   b. Development proposal page: Implementation of the COAR Notify protocol in DSpace 8
   c. OpenAIRE integration with notification broker/claim service (4Science)
   d. Duplicate Detection in Submission ported from DSpace-CRIS (The Library Code)

2. Include new features which empower users in the admin UI. Make things easier for Admins.
3. Accepting community contributions of any 6.x features which missed 7.x
4. Improve documentation, training to allow for greater community contributions. (Ease setup/install/customization, etc.)
   a. Per DSpace 7 WG meeting on June 29, 2023, this may include dependency upgrades/maintenance (Angular, Spring, Solr, Tomcat, etc). May also include necessary code updates/refactors to ease in ongoing maintenance.

5. Release Goal: April 2024
6. In parallel to 8.0, proof of concepts / planning regarding modularization (e.g. 4Science angular proposal) and OCFL/preservation storage (Lyrsis proposal to be discussed in more detail).

Goals for 7.6.1

- Bug/security fixes only. Release will occur when sufficient fixes have been made to warrant a release.
  - New "themeable components" (for dspace-angular) are allowed in bug fix releases, provided that they don't significantly modify component behavior or similar.
- Fixes should have two Pull Requests (exceptions may be made for very small fixes)
  1. A PR against the "dspace-7_x" maintenance branch to apply to the next 7.6.x release.
  2. A PR against the "main" branch to fix this same bug for the 8.0 release.
  3. (NOTE: Once one PR is reviewed & approved, the other will be merged at the same time.)

Try "Pull Request Trading" for a quicker review

Do you have a PR stuck in "under review" that you really want to see move forward? Or maybe it's someone else's PR but you want to get it more attention?

See Trading reviews on Pull Requests for how to get immediate attention to that PR!

Notes