2023-09-21 DSpace Developers Meeting

Developers Meeting on Thurs, September 21, 2023

Time/Location

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

Location: https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUhISnhPRi9YenVrTFJKbDllQT09 (Meeting ID: 502 527 3040). **Passcode**: dspace

- More connection options available at DSpace Meeting Room

Next week's meeting (Thurs, Sept 28) is cancelled. Tim Donohue will be out of the office from Tues, Sept 26 - Fri, Sept 29 (attending a Lyrasis All Staff meeting).

After today, our next meeting with be on Thurs, October 5.

Agenda

- **Discussion Topics** - *If you have a topic you'd like to have added to the agenda, please just add it.*
    1. 7.6.x release topics - bug-fixes only.
        a. *UPDATE: Performance issues with Groups with 1,000+ Members:* https://github.com/DSpace/DSpace/issues/9052
            i. Partial fix in https://github.com/DSpace/DSpace/pull/9078 (fixes main pagination issues)
            ii. Complete fix may require a **redesign of the "Edit Group" User Interface** as it's current design is not well supported by the REST API & is not easy to support in a performance-friendly manner. See notes here: https://github.com/DSpace/RestContract/pull/237#issuecomment-1727882285
        b. *Performance issues (on Workflow Tasks page) when logged-in EPerson belongs to many Groups:* https://github.com/DSpace/DSpace/issues/9053 *(NEEDS VOLUNTEER)*
        c. Angular UI makes multiple `GET /server/api` requests for each page it builds: https://github.com/DSpace/dspace-angular/issues/2482
        d. Inefficiency of "/api/config/properties" endpoint (can only request one setting at a time). See https://github.com/DSpace/DSpace/issues/9056 *(NEEDS VOLUNTEER)*
    2. 8.0 release topics
        a. *Updates to the OpenAIRE Correction Service PR:* https://github.com/DSpace/DSpace/pull/8184 Ready for review & testing again.
    3. (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 OCFL (Lyrasis, 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.

- (Your idea goes 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.
    a. COAR Notify support (4Science & Harvard): https://github.com/DSpace/DSpace/issues/8120
        i. Development proposal page: Implementation of the COAR Notify protocol in DSpace 8
    b. OpenAIRE integration with notification broker/claim service (4Science)
    c. Porting "REST-Based Quality Control Reports" from old REST API to new one. (U of Laval, Canada)
    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 (Lyrasis 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