2023-10-19 DSpace Developers Meeting

Developers Meeting on Thurs, October 19, 2023

- 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

19 Oct 2023 from 14:00-15:00 UTC

Location: https://lyrasis.zoom.us/my/dspace?pwd=RTk4QUHlSnhPRi9YenVrTFJKbDIIQT09 (Meeting ID: 502 527 3040). Passcode: dspace

- More connection options available at DSpace Meeting Room

8.0 Release Schedule (DRAFT)

- New Feature Development Deadlines
  - Feature PR Creation Deadline: Friday, Jan 19, 2024
  - Feature PR Review/Test Deadline: Friday, Feb 9
  - Feature PR Merge Deadline: Friday, Feb 23
- 8.0 Release Candidate: Friday, March 1
- 8.0 Testathon: March 4-15 (two weeks)
- Bug Fix Deadlines
  - Bug Fix PR Creation Deadline: Friday, March 29
  - Bug Fix PR Merge Deadline: Friday, April 12
- Documentation & Release Week: April 15-19
- 8.0 Release Announced: Monday, April 22, 2024

Agenda

- Discussion Topics - If you have a topic you’d like to have added to the agenda, please just add it.
  1. Finalize 8.0 Schedule (see above)
  2. 7.6.x release topics - bug-fixes only.
     a. 7.6.1 Draft Deadline
        i. Bug Fix PRs created by Fri, Oct 27
        ii. PRs reviewed/merged by Fri, Nov 3
        iii. Release the week of Nov 6-10.
     b. A few major bugs listed below, but more are on 7.6.1 Project Board
        i. (READY FOR REVIEW/TESTING) Performance issues with Groups with 1,000+ Members: https://github.com/DSpace/DSpace/issues/9052 (Tim).
        1. Initial PR to fix pagination issues of existing "/api/eperson/groups/[uuid]/epersons" and "/api/eperson/groups/[uuid]/subgroups" endpoints: https://github.com/DSpace/DSpace/pull/9078
        2. PR to add both "/api/eperson/groups/search/isNotMemberOf" and "/api/eperson/epersons/search/isNotMemberOf" endpoints: https://github.com/DSpace/DSpace/pull/9125
        3. Angular PR to use new "isNotMemberOf" endpoints and refactor page to no longer load many members at once: https://github.com/DSpace/dspace-angular/pull/2845
     c. DISCUSSION: This bug fix requires a small change to the behavior of metadata.hide.* configs, https://github.com/DSpace/DSpace/pull/9126 (Atmire)
        1. The hidden metadata fields need to be visible/editable to anyone with WRITE permissions on the Item object. Any objections to this behavior change in a bug-fix-only release?
  3. 8.0 release topics
     a. Updates to the OpenAIRE Correction Service PR: https://github.com/DSpace/DSpace/pull/8184 Ready for review & testing again.
  4. (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](https://github.com/orgs/DSpace/projects/29)
- DSpace 8.0 board: [https://github.com/orgs/DSpace/projects/27](https://github.com/orgs/DSpace/projects/27)

To quickly find PRs assigned to you for review, visit [https://github.com/pulls/review-requested](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](https://github.com/DSpace/DSpace/issues/8120)
   b. Development proposal page: Implementation of the COAR Notify protocol in DSpace 8
   c. OpenAIRE integration with notification broker/claim service (4Science)
   d. Porting "REST-Based Quality Control Reports" from old REST API to new one. (U of Laval, Canada)
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