

DSpace Release 8.0 Status

Version 8.0

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Priorities for 8.0

How these priorities were achieved in 8.0 can be found in the [8.0 Release Notes](#).

The following is an (unordered) list of new features that the [DSpace Steering Group](#) would like to see added to the DSpace 8.0 release. *The overarching goal is to keep the 8.0 release smaller in size (in terms of new features), and find ways to help the community more easily upgrade to 7.x or 8.x. See also [RoadMap](#).*

| Feature(s) | Notes / Tickets | Priority | Volunteer(s) |
|--|--|----------|--------------------------------------|
| ✓ COAR Notify support | Implementation of the COAR Notify protocol in DSpace 8 | High | 4Science and Harvard University |
| ✓ Correction service to enhance data quality (via OpenAIRE Graph) | https://4science.github.io/oaire-eld/ and https://github.com/DSpace/DSpace/pull/8184 (This is required to support COAR Notify, see above) | High | 4Science |
| ✓ Migrate "REST-Based Quality Control Reports" to new REST API | https://github.com/DSpace/DSpace/issues/7641 (see linked PRs) NOTE: 8.0 will feature a BETA version of this feature. | High | Université Laval, Canada |
| ✓ Basic Duplicate Detection in Submission | https://github.com/DSpace/dspace-angular/pull/2749 and https://github.com/DSpace/DSpace/pull/9265 NOTE: This feature is a more simplistic version of Duplicate Detection. It is not the same as the DSpace-CRIS feature of the same name. | High | The Library Code |
| Any <i>new</i> features which empower users in the Admin User Interface | Various tickets, based on volunteers. The exact tickets which will be completed will be based on what volunteers wish to claim for 8.0. Any tickets on the 8.0 board which "empower admins" fall into this category. Get in touch with Tim Donohue if you have questions or wish to volunteer for a ticket. | High | (Various institutions or volunteers) |
| Any features which existed in 6.x but missed the 7.x series of releases | Various tickets, based on volunteers. Any community volunteer is welcome to "port" any feature that existed in the 6.x XMLUI or JSPUI 6.x to the 8.0 release. Get in touch with Tim Donohue if you have questions or wish to volunteer for a ticket. | High | (Various institutions or volunteers) |
| Bug fixes, accessibility fixes, performance improvements and dependency upgrades | In addition to new features, every new major release includes a number of bug/accessibility fixes, performance improvements and updates to dependencies (to avoid future security vulnerabilities). Any bug fixes & accessibility fixes are also backported to past major releases (as much as possible). | High | (Various institutions or volunteers) |

Tickets & Pull Requests to review for possible inclusion

All potential tickets & pull requests may be found on our 8.0 Project Board.

- **8.0 Project Board:** <https://github.com/orgs/DSpace/projects/27>

If there is a feature you wish to work on which is *not* on that 8.0 Project Board, please create a GitHub issue ticket to describe it (or find one if it exists) and contact [Tim Donohue](#) (via email or [Slack](#)) about possible inclusion in 8.0.

Keep in mind, even if a ticket/PR exists on the 8.0 Project Board, that does **not** guarantee it will be completed in time for 8.0. We'll do our best to get it included, but *all development & testing/reviewing is volunteer based*. **You can help ensure a PR's inclusion by volunteering to help test or review the code!** Any work that cannot be achieved in time for 8.0 will be rescheduled.

Organizational Details

Release Coordination

The 8.0 Release will be coordinated by [Tim Donohue](#) and the [DSpace Committers](#).

Updates and discussions will take place in weekly [Developer Meetings](#).

Release Timeline

Please note that the dates below are estimates of when particular activities may occur. As there are many factors involved in a major release, these are subject to change.

| Date | Milestone | What it means |
|---------------------------------|--|---|
| ✓ Friday, January 19, 2024 | Deadline for feature pull requests | If you wish to contribute features to DSpace 8.0, you must submit a pull request by this date. |
| ✓ Friday, February 9 | Feature PR Review/Test Deadline | Initial reviews/testing of PRs should be completed by all assigned reviewers. |
| ✓ Friday, February 23 | Feature PR Merge Deadline (Feature Freeze) | DSpace 8.0 is considered feature-complete on this date. All Feature PRs should be merged. Only bug fixes will be pulled between this date and final release. |
| ✓ March 3 - March 29 | Major dependency updates | This is a period where the codebase will undergo major updates to support latest versions of Spring (supporting Jakarta EE) and Angular. |
| ✓ April 1 - April 5 | Early documentation / bug fixes | Code cleanup prior to Release candidate. |
| ✓ By Friday, April 5 | Release Candidate 1 tagged | A DSpace 8.0 Release Candidate will be available for wider testing. |
| ✓ April 8-19 | Testathon | Intensive public testing of the 8.0 Release Candidate is invited. The Release Team will focus on getting problems resolved. |
| (To be determined) | Extended Bug Fixing | Testathon was <i>very successful</i> in finding bugs in pre-8.0. We are currently running at least a week or two behind schedule as we work to ensure the major bugs have all been fixed. The below deadlines will be updated once we have a final schedule. |
| Friday, May 3 | Deadline for bug-fix pull requests | Bug fixes should ideally be submitted by this date. |
| Friday, May 10 | Bug-Fix PR Merge Deadline (Code Freeze) | Ideally all bug fixes are merged by this date. Code is "frozen", with exceptions only made if major issues are discovered. |
| May 13-17 | Final Cleanup / Documentation | This week is set aside for any final cleanup (or very late bug fixes) that need to be applied to the code. Also used to finalize Documentation, Release Notes, etc. |
| Monday, May 20, 2024 | DSpace 8.0 is publicly released | DSpace 8.0 is released for download and general use. |

Release Process needs to proceed according to the following Maven release process: [Release Procedure](#)