

DevMtg 2018-04-04

Developers Meeting on Weds, April 4, 2018

Today's Meeting Times

- DSpace Developers Meeting / Backlog Hour: **15:00 UTC** in [#duraspace IRC](#) or [#dev-mtg Slack channel](#) (these two channels sync all conversations)
 - Please note that all meetings are [publicly logged](#)

Agenda

Quick Reminders




Friendly reminders of upcoming meetings, discussions etc

- [DSpace 7 Working Group](#): Next meeting is April 5 at **14:00 UTC (note new time)** in [DSpace Meeting Room](#). See wiki page for meeting details and past meeting notes.
- [DSpace Entities Working Group](#): Next meeting is TBD. See wiki page for meeting details and past meeting notes.
 - Video from yesterday's meeting available at [2018-04-03 DSpace Entities WG Meeting Notes](#)
- [DSpace Developer Show and Tell Meetings](#): Next Show & Tell will be April 17 at 15:00 UTC.

Discussion Topics

If you have a topic you'd like to have added to the agenda, please just add it.

1. Facilitator for next week (April 11 at 20UTC)? (Tim has a conflict – DuraSpace Summit meeting – and is unable to attend)
2. DSpace Entities Working Group - quick updates
 - a. Discussion in DSpace Entities WG meeting centering around option #3: https://docs.google.com/document/d/1exm_xLToxUMszOvX5itSMFTn5eiGCdggL0Mf522GjHU/edit#heading=h.bhq44wdzzis0
 - b. DSpace Steering to discuss later today. Additional discussion at DuraSpace Summit next week (April 10-11)
 - c. Final decision may not be to select a single proposal "as-is", but to create a community project *inspired by* one of these proposals. So, even once a selection is made, there will be opportunity for ongoing community feedback to enhance/improve the final result.
3. (Ongoing Topic) [DSpace 7](#) Status Updates for this week
 - a. [DSpace 7 Community Sprints](#) are in planning phase.
 - b. [DSpace 7 Working Group](#) is currently concentrating on building out search, submission, authentication and MyDSpace functionality
 - c. DSpace 7 Dev Status spreadsheet: https://docs.google.com/spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0
4. (Ongoing Topic) DSpace 6.x Status Updates for this week
 - a. (NEW) [DSpace 6.3 Release Planning](#) has begun (thanks to [Kim Shepherd](#))
 - b. We could use your support! See also the call for participation on all lists: <https://groups.google.com/d/msg/dspace-tech/pBy714dGqU0/MGszGDCYAgAJ>
5. Tickets, Pull Requests or Email threads/discussions requiring more attention? (*Please feel free to add any you wish to discuss under this topic*)

- a.  [DS-3882](#) - Deleting an item does not remove its policies CLOSED
- b. ORCID support broken:  [DS-3447](#) - Transition ORCID integration to ORCID API 2.0 CLOSED
- c. DSpace 6 performance issues with items containing a lot of bitstreams? <https://groups.google.com/forum/#!topic/dspace-tech/VlofW7EwEXY>
- d.  [DS-3649](#) - no longer can select eperson after upgrade to 5.6 VOLUNTEER NEEDED

Tabled Topics

These topics are ones we've touched on in the past and likely need to revisit (with other interested parties). If a topic below is of interest to you, say something and we'll promote it to an agenda topic!

1. Management of database connections for DSpace going forward (7.0 and beyond). What behavior is ideal? Also see notes at [DSpace Database Access](#)
 - a. In DSpace 5, each "Context" established a new DB connection. Context then committed or aborted the connection after it was done (based on results of that request). Context could also be shared between methods if a single transaction needed to perform actions across multiple methods.
 - b. In DSpace 6, Hibernate manages the DB connection pool. Each **thread** grabs a Connection from the pool. This means two Context objects could use the same Connection (if they are in the same thread). In other words, code can no longer assume each `new Context()` is treated as a new database transaction.

- i. Should we be making use of `SessionFactory.openSession()` for READ-ONLY Contexts (or any change of Context state) to ensure we are creating a new `Connection` (and not simply modifying the state of an existing one)? Currently we always use `SessionFactory.getCurrentSession()` in `HibernateDBConnection`, which doesn't guarantee a new connection: https://github.com/DSpace/DSpace/blob/dspace-6_x/dspace-api/src/main/java/org/dspace/core/HibernateDBConnection.java

Ticket Summaries

1. Help us test / code review! These are tickets needing code review/testing and flagged for a future release (ordered by release & priority)

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status	Fix Version (s)
DS-4079	Irrelevant retention of old collection workflow steps when upgrading to xmlworkflow		Nov 12, 2018	Nov 21, 2018	Unassigned	Jonas Van Goolen (Atmire)		CODE REVIEW NEEDED	7.0
DS-4036	Delete EPersons in DSpace		Oct 04, 2018	Oct 18, 2019	Pascal-Nicolas Becker	Pascal-Nicolas Becker		CODE REVIEW NEEDED	7.0
DS-4380	DSpace 7 should support JDK 11		Nov 05, 2019	Jan 06, 2020	Unassigned	Tim Donohue		CODE REVIEW NEEDED	7.0
DS-3533	(Projection) Provide example code for REST object with optional/lazy-loaded properties		Mar 20, 2017	Jan 23, 2020	Chris Wilper	Terrence W Brady		CODE REVIEW NEEDED	7.0
DS-4257	Deploy Java Backend as a single (Spring Boot) webapp		May 21, 2019	Oct 04, 2019	Tim Donohue	Tim Donohue		CODE REVIEW NEEDED	7.0
DS-4389	Improving & aligning the 2 patch systems		Nov 20, 2019	Nov 21, 2019	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		CODE REVIEW NEEDED	7.0
DS-4239	Migrate the workflow.xml to spring		May 02, 2019	Dec 18, 2019	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		CODE REVIEW NEEDED	7.0
DS-3385	OAI filter to exclude set from harvesting		Nov 14, 2016	Nov 23, 2016	Unassigned	Ivan Masár		CODE REVIEW NEEDED	7.0
DS-2670	Restrospectively create DOI's for alle items in archive		Jul 22, 2015	Jun 22, 2018	Mark H. Wood	Claudia Jürgen		CODE REVIEW NEEDED	7.0
DS-2058	Configurable workflow doesn't support curation tasks		Jul 09, 2014	Nov 12, 2018	Mark H. Wood	Mark H. Wood		CODE REVIEW NEEDED	7.0
DS-1494	Enable separation of LDAP search credentials from DSpace configuration		Feb 20, 2013	Jul 30, 2018	Mark H. Wood	Brian Freels-Stendel		CODE REVIEW NEEDED	7.0
DS-4370	Allow structure builder to import beneath an existing community		Oct 21, 2019	Oct 21, 2019	Kim Shepherd	Kim Shepherd		CODE REVIEW NEEDED	7.0
DS-4289	SAF exporter does not write the 'collections' file		Jul 01, 2019	Jul 10, 2019	Mark H. Wood	Mark H. Wood		CODE REVIEW NEEDED	7.0
DS-4189	Enhance configuration by environment variables		Mar 14, 2019	Mar 14, 2019	Pascal-Nicolas Becker	Pascal-Nicolas Becker		CODE REVIEW NEEDED	7.0
DS-4145	Curation basic link checker doesn't follow redirects		Jan 14, 2019	Jan 14, 2019	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		CODE REVIEW NEEDED	7.0
DS-4097	Rest api item mapper		Dec 05, 2018	Feb 14, 2019	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		CODE REVIEW NEEDED	7.0

DS-4093	Update maven-surefire-plugin to 3.0.0-M1		Dec 03, 2018	Dec 03, 2018	Unassigned	Ivan Masár		CODE REVIEW NEEDED	7.0
DS-4084	[DSpace 7 Entities] Relationships should link to Items via REST API		Nov 20, 2018	Jun 13, 2019	Ben Bosman	Tim Donohue		CODE REVIEW NEEDED	7.0
DS-4082	[DSpace 7 Entities] Replace the term "Entity" with "Item" throughout the codebase		Nov 20, 2018	Dec 17, 2018	Ben Bosman	Tim Donohue		CODE REVIEW NEEDED	7.0
DS-3992	Improve the exception handling in DSpace REST 7		Aug 23, 2018	Oct 12, 2018	Michael Spalti	Andrea Bollini (4Science)		CODE REVIEW NEEDED	7.0

Showing 20 out of 47 issues

2. Newly created tickets this week:

Key	Summary	T	Created	Assignee	Reporter	P	Status
DS-4425	Indexing Performance is very slow since refactor. ITs take twice as long		Jan 23, 2020	Unassigned	Tim Donohue		RECEIVED
DS-4424	 tag in abstract breaks browse view		Jan 22, 2020	Unassigned	Anne Lawrence		RECEIVED

2 issues

3. Old, unresolved tickets with activity this week:

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status
DS-4034	The "first few letters" search doesn't work with diacritics		Oct 03, 2018	Jan 23, 2020	Unassigned	Adan Roman		CODE REVIEW NEEDED
DS-2421	LDAPAuthentication Plugin only supports auto-registration for Hierarchical LDAP settings		Jan 23, 2015	Jan 20, 2020	Unassigned	Tim Donohue		VOLUNTEER NEEDED

2 issues

4. Tickets resolved this week:

Key	Summary	T	Created	Assignee	Reporter	P	Status	Resolution
DS-4422	Missing dc.identifier.orcid field on a default installation		Jan 17, 2020	Paulo Graça	Paulo Graça		CLOSED	Fixed
DS-4420	OpenAIREv4 XSLT Warning in Spring Boot		Jan 15, 2020	Paulo Graça	Tim Donohue		CLOSED	Fixed
DS-2378	Remove support for multiple ServiceManagers		Dec 19, 2014	Mark H. Wood	Mark H. Wood		CLOSED	Fixed

3 issues

5. Tickets requiring review. This is the JIRA Backlog of "Received" tickets:

Key	Summary	T	Created	Updated	Assignee	Reporter	P
DS-4425	Indexing Performance is very slow since refactor. ITs take twice as long		Jan 23, 2020	Jan 23, 2020	Unassigned	Tim Donohue	
DS-4424	 tag in abstract breaks browse view		Jan 22, 2020	Jan 22, 2020	Unassigned	Anne Lawrence	
DS-4421	Null Pointer Exception can occur when bitstream. bitstream_format_id is null		Jan 15, 2020	Jan 15, 2020	Unassigned	Bill Tantzen	
DS-4419	400 Bad Request "jobTitle is not a valid search facet" empty facets		Jan 15, 2020	Jan 15, 2020	Unassigned	Paulo Graça	
DS-4418	Remove unnecessary attributes from ResourcePolicyRest		Jan 14, 2020	Jan 14, 2020	Unassigned	Andrea Bollini (4Science)	
DS-4417	Hibernate Exception when trying to remove Accept/Reject /Edit Metadata Step		Jan 13, 2020	Jan 13, 2020	Unassigned	Martin Walk	
DS-4416	Mirage 2 "easy" build broken because gem proxy site was shut down		Jan 07, 2020	Jan 07, 2020	Unassigned	Mark H. Wood	
DS-4415	CitationPage curation task mess the bitstream policies		Jan 07, 2020	Jan 07, 2020	Unassigned	Andrea Bollini (4Science)	
DS-4406	Creative Commons step: Public Domain and CC0 choice have same result		Dec 19, 2019	Dec 19, 2019	Unassigned	Anne Lawrence	
DS-4405	ShibolethAuthentication empty header configuration are not ignored		Dec 19, 2019	Dec 19, 2019	Unassigned	Andrea Bollini (4Science)	
DS-4403	ds-related-entities-search Component is Broken		Dec 12, 2019	Dec 12, 2019	Unassigned	Chris Herron (Atmire)	
DS-4402	Unable to export metadata using UUID (--id parameter)		Dec 10, 2019	Dec 10, 2019	Unassigned	Paulo Graça	
DS-4399	pdfbox and encrypted PDFs		Nov 28, 2019	Nov 28, 2019	Unassigned	Ivan Masár	
DS-4395	Discovery indexes empty subject field		Nov 26, 2019	Nov 26, 2019	Unassigned	Hrafn Malmquist	
DS-4388	LDAP auth does not support membership in multiple groups		Nov 19, 2019	Nov 19, 2019	Unassigned	Ivan Masár	
DS-4387	Make inclusion of collection/community sets in OAI contexts configurable		Nov 18, 2019	Dec 01, 2019	Unassigned	Kim Shepherd	
DS-4384	Error in OAI-PMH documentation		Nov 13, 2019	Nov 13, 2019	Unassigned	Peter Kukla	
DS-4381	Travis fails to notify a broken build for dependencies available in test only		Nov 08, 2019	Jan 06, 2020	Unassigned	Andrea Bollini (4Science)	
DS-4376	Files are not deleted from assetore		Nov 01, 2019	Nov 01, 2019	Unassigned	Jitka Novotná	
DS-4375	Limit DOI creation to flagged collections		Oct 31, 2019	Oct 31, 2019	Hrafn Malmquist	Hrafn Malmquist	

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Meeting Notes

Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2018-03-28>