

DevMtg 2017-09-13

Developers Meeting on Weds, Sept 13, 2017

Today's Meeting Times

- DSpace Developers Meeting / Backlog Hour: 20:00 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 Notes / Reminders

- **NEXT DSpace 7 UI MEETING:** TOMORROW, Sept 14 at 15:00 UTC (11:00am EDT) in Google Hangouts
 - [DSpace 7 Working Group](#) - Watch this page for initial ongoing updates on meetings, etc.

Discussion Topics

1. [DSpace 6.2 is released!](#) Thanks to all involved!
2. DSpace High Priority Tickets
 - a. High Priority (Blocker, Critical or Major) and flagged for release

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status	Fix Version (s)
DS-4303	Old (v4-6) REST API is deprecated in v7, remove in v8		Jul 17, 2019	Oct 18, 2019	Unassigned	Tim Donohue		VOLUNTEER NEEDED	8.0
DS-3041	Replace traditional workflow with Configurable Workflow		Feb 05, 2016	Aug 21, 2019	Unassigned	Mark H. Wood		VOLUNTEER NEEDED	7.0
DS-4039	Enhance Delete EPerson endpoint in REST API		Oct 08, 2018	Nov 01, 2019	Unassigned	Tim Donohue		VOLUNTEER NEEDED	7.0
DS-4394	Ensure that the new REST API hide information to not authorized users		Nov 26, 2019	Jan 06, 2020	Unassigned	Andrea Bollini (4Science)		VOLUNTEER NEEDED	7.0
DS-4043	Revisit the security layer of the submission		Oct 08, 2018	Jan 06, 2020	Andrea Bollini (4Science)	Andrea Bollini (4Science)		ACCEPTED / CLAIMED	7.0
DS-3491	Implicit relation between bitstreams (original file <-> thumbnails <-> extracted text) should be made explicit		Feb 13, 2017	Dec 02, 2017	Unassigned	Andrea Bollini (4Science)		VOLUNTEER NEEDED	7.0
DS-4184	[Configurable Entities] Refactor "relationship" and "relation" metadata schemas		Mar 07, 2019	Oct 31, 2019	Unassigned	Tim Donohue		VOLUNTEER NEEDED	7.0

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-4046	Provide a script to automatically migrate input-forms.xml to submission-forms.xml		Oct 09, 2018	Jun 05, 2019	Unassigned	Andrea Bollini (4Science)		VOLUNTEER 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-3860	Remove any usage of HttpSession		Feb 28, 2018	Apr 18, 2018	Unassigned	Tom Desair		VOLUNTEER NEEDED	7.0
DS-4307	Investigate / Improve performance of Browse by Title with Items with numerous Bitstreams (in REST API v7)		Jul 19, 2019	Dec 18, 2019	Unassigned	Tim Donohue		VOLUNTEER NEEDED	7.0
DS-4283	(Google Scholar) Provide Entity Type Label/Name as part of URL path		Jun 21, 2019	Jan 06, 2020	Unassigned	Tim Donohue		VOLUNTEER NEEDED	7.0
DS-4413	Implement Authorization Endpoints in REST API		Jan 03, 2020	Jan 16, 2020	Andrea Bollini (4Science)	Tim Donohue		ACCEPTED / CLAIMED	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-4425	Indexing Performance is very slow since refactor. ITs take twice as long		Jan 23, 2020	Jan 23, 2020	Unassigned	Tim Donohue		RECEIVED	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-3503	Create separate GitHub Projects for XMLUI and JSPUI (post-6.x)		Feb 20, 2017	Oct 04, 2017	Tim Donohue	Tim Donohue		ACCEPTED / CLAIMED	7.0
DS-3495	Full text content in SOLR should carry the permissions of the source bitstream		Feb 15, 2017	Feb 27, 2017	Unassigned	Terrence W Brady		VOLUNTEER NEEDED	7.0
DS-3484	Setup a test and documentation framework for the REST API		Feb 13, 2017	Feb 07, 2018	Tom Desair	Andrea Bollini (4Science)		ACCEPTED / CLAIMED	7.0

Showing 20 out of 37 issues

b. Need Code Review, Flagged for Release

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-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-4380	DSpace 7 should support JDK 11		Nov 05, 2019	Jan 06, 2020	Unassigned	Tim Donohue		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

3. Ongoing discussion topics:

- a. Management of database connections for DSpace going forward (7.0 and beyond). What behavior is ideal? Also see notes at [DSpace Database Access](#)
 - i. 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.
 - ii. 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.
 1. 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
- b. [DS-3372](#) and [DS-3587](#): discussion required, should we add more SQL dialect support? MySQL, MS SQL? Are we ready to support, test and maintain these dialects in the future?
 - i. Also asked on dspace-devel: <https://groups.google.com/d/msg/dspace-devel/UfTU7AFZjs0/UOgiSnJKAgAJ>

4. Other Tickets needing discussion (Please feel free to add any you wish to discuss under this topic)

5. Reviewing JIRA Tickets or PRs

- a. Please feel free to bring any that need eyes / immediate discussion
- b. [JIRA Backlog of "Received" tickets](#)
- c. [All open PRs](#)

Ticket Summaries

1. Help us test / code review! These are tickets needing code review/testing and flagged for a future release:

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DS-4036	Delete EPersons in DSpace	🔴	Oct 04, 2018	Oct 18, 2019	Pascal-Nicolas Becker	Pascal-Nicolas Becker	🔴	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-4380	DSpace 7 should support JDK 11	☰	Nov 05, 2019	Jan 06, 2020	Unassigned	Tim Donohue	🔴	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

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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:

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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 24, 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	

Showing 20 out of 48 issues

Meeting Notes

Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2017-09-13>