

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	Mar 02, 2020	Unassigned	Tim Donohue		CODE REVIEW NEEDED	8.0
DS-4039	Enhance Delete EPerson endpoint in REST API		Oct 08, 2018	Nov 01, 2019	Unassigned	Tim Donohue		VOLUNTEER NEEDED	7.0
DS-4460	Define an unique way to identify type in the REST API		Mar 16, 2020	Mar 16, 2020	Unassigned	Andrea Bollini (4Science)		RECEIVED	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-3860	Remove any usage of HttpSession		Feb 28, 2018	Apr 18, 2018	Unassigned	Tom Desair		VOLUNTEER NEEDED	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-4443	When a workspace is deleted the related solr record is not deleted		Feb 27, 2020	Apr 10, 2020	Kevin Van de Velde (Atmire)	Giuseppe Digilio (4Science)		CODE REVIEW NEEDED	7.0
DS-4528	Scripts & processes: Integration test for parallel processes		Jun 18, 2020	Jun 22, 2020	Unassigned	Kevin Van de Velde (Atmire)		RECEIVED	7.0
DS-4505	Performance issues with finding Collections /Communities a user has Admin rights on		May 15, 2020	May 21, 2020	Unassigned	Tim Donohue		RECEIVED	7.0
DS-4497	Upgrade to Solr v8		May 01, 2020	Jun 29, 2020	Mark H. Wood	Tim Donohue		ACCEPTED / CLAIMED	7.0
DS-4396	Shibboleth authentication REST implementation		Nov 27, 2019	Mar 30, 2020	Giuseppe Digilio (4Science)	Giuseppe Digilio (4Science)		AWAITING DOCUMENTATION	7.0
DS-4364	Editing Item Metadata Breaks Relationships		Oct 16, 2019	Feb 07, 2020	Unassigned	April Herron (Atmire)		VOLUNTEER NEEDED	7.0
DS-4257	Deploy Java Backend as a single (Spring Boot) webapp		May 21, 2019	Feb 13, 2020	Tim Donohue	Tim Donohue		AWAITING DOCUMENTATION	7.0
DS-4239	Migrate the workflow.xml to spring		May 02, 2019	Jun 30, 2020	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		AWAITING DOCUMENTATION	7.0
DS-4225	code optimizations for entities		Apr 25, 2019	Apr 27, 2019	Ben Bosman	Ben Bosman		ACCEPTED / CLAIMED	7.0
DS-4205	Upgrade to Handle Server v9		Apr 02, 2019	Jul 28, 2020	Tim Donohue	Tim Donohue		AWAITING DOCUMENTATION	7.0
DS-4186	Using "StartsWith" on Browse Title/Author endpoints breaks some pagination features		Mar 08, 2019	Jun 24, 2019	Unassigned	Tim Donohue		VOLUNTEER NEEDED	7.0
DS-2588	Remove or merge pre-3.0 Embargo functionality with new Embargo		May 21, 2015	Oct 04, 2019	Terrence W Brady	Tim Donohue		ACCEPTED / CLAIMED	7.0

DS-3675	EPersons cached as submitters aren't uncached when their item is		Aug 17, 2017	Sep 07, 2017	Unassigned	Pascal-Nicolas Becker		VOLUNTEER NEEDED	7.0
DS-3503	Create separate GitHub Projects for XMLUI and JSPUI (post-6.x)	<input checked="" type="checkbox"/>	Feb 20, 2017	Oct 04, 2017	Tim Donohue	Tim Donohue		ACCEPTED / CLAIMED	7.0

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b. Need Code Review, Flagged for Release

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status	Fix Version /s
DS-3962	Improve community-list performance		Jul 23, 2018	Jul 10, 2020	Unassigned	April Herron (Atmire)		CODE REVIEW NEEDED	6.5
DS-4303	Old (v4-6) REST API is deprecated in v7, remove in v8		Jul 17, 2019	Mar 02, 2020	Unassigned	Tim Donohue		CODE REVIEW NEEDED	8.0
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-4443	When a workspaceitem is deleted the related solr record is not deleted		Feb 27, 2020	Apr 10, 2020	Kevin Van de Velde (Atmire)	Giuseppe Digilio (4Science)		CODE REVIEW NEEDED	7.0
DS-4537	OAI index doesn't update for deleted items		Jul 14, 2020	Jul 17, 2020	Unassigned	Andrew Wood Atmire		CODE REVIEW NEEDED	7.0
DS-4522	Logical item filtering (with implementation of filtered DOI provider)		Jun 08, 2020	Jun 24, 2020	Kim Shepherd	Kim Shepherd		CODE REVIEW NEEDED	7.0
DS-4410	Send a "welcome letter" to new users		Jan 02, 2020	Jan 03, 2020	Mark H. Wood	Mark H. Wood		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-4300	Optionally apply given Handles when importing community /collection structure		Jul 15, 2019	Jan 06, 2020	Mark H. Wood	Mark H. Wood		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-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-4118	change_password and register emails have hardcoded sample addresses		Dec 17, 2018	Feb 05, 2020	Mark H. Wood	Rob Jenson		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-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
DS-3952	Expose Request Copy		Jul 12, 2018	Oct 31, 2018	Mark H. Wood	Mark H. Wood		CODE REVIEW NEEDED	7.0
DS-3951	Send Request Copy email to multiple recipients, and some new recipient strategies		Jul 12, 2018	Jul 12, 2018	Mark H. Wood	Mark H. Wood		CODE REVIEW NEEDED	7.0
DS-3879	Enable XInclude for some XML configuration documents		Mar 28, 2018	Feb 28, 2020	Mark H. Wood	Mark H. Wood		CODE REVIEW NEEDED	7.0
DS-2670	Retrospectively create DOI's for all 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-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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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-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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2. Newly created tickets this week:

Key	Summary	T	Created	Assignee	Reporter	P	Status
DS-4558	RTS - Update bagit-support to 1.1.0		Oct 21, 2020	Michael Ritter	Michael Ritter		RECEIVED
DS-4557	Login failed due to trailing / leading spaces in email address		Oct 20, 2020	Unassigned	Marsa Haoua		CODE REVIEW NEEDED

2 issues

3. Old, unresolved tickets with activity this week:

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status
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No issues found



4. Tickets resolved this week:

Key	Summary	T	Created	Assignee	Reporter	P	Status	Resolution
DS-4555	Browse pages show news section		Oct 09, 2020	Unassigned	Samuel Cambien (Atmire)		CLOSED	Duplicate
DS-4554	Community-list page expand icons not automatically shown		Oct 09, 2020	Unassigned	Samuel Cambien (Atmire)		CLOSED	Duplicate
DS-4510	Investigate switching from HAL Browser to HAL Explorer		May 21, 2020	Unassigned	Tim Donohue		CLOSED	Duplicate

3 issues

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

Key	Summary	T	Created	Updated	Assignee	Reporter	P
DS-4558	RTS - Update bagit-support to 1.1.0		Oct 21, 2020	Oct 21, 2020	Michael Ritter	Michael Ritter	
DS-4556	Replication Task Suite: Support the reporting of individual failures when part of a larger curation action		Oct 14, 2020	Oct 14, 2020	Unassigned	Bill Branam	
DS-4553	XMLUI generates useless links		Sep 29, 2020	Sep 29, 2020	Unassigned	Hrafn Malmquist	
DS-4550	OpenAIRE and dc.relation		Sep 01, 2020	Sep 02, 2020	Unassigned	Gabriela Mircea	
DS-4549	Significant performance issues when displaying items with many (100+) bitstreams		Sep 01, 2020	Sep 01, 2020	Unassigned	Martin Walk	
DS-4548	org.dspace.core.LogManager is poorly named		Aug 31, 2020	Aug 31, 2020	Mark H. Wood	Mark H. Wood	
DS-4547	Google Analytics code should be moved to <head>		Aug 25, 2020	Aug 25, 2020	Unassigned	Bill Branam	
DS-4546	No JSPUI index community list when changing language		Aug 25, 2020	Aug 25, 2020	Unassigned	Alex	
DS-4544	No RDF conversion of custom metadata		Aug 11, 2020	Aug 19, 2020	Unassigned	Tim Hendriks	

DS-4541	Cross-site scripting (XSS injection) is possible in JSPUI Browse		Jul 21, 2020	Jul 21, 2020	Unassigned	Raul Ruiz	
DS-4536	Autocomplete not working in Mirage2 (submission)		Jul 14, 2020	Aug 13, 2020	Unassigned	F. Rapp	
DS-4535	Lookup during submission not working as expected		Jul 09, 2020	Jul 13, 2020	Unassigned	F. Rapp	
DS-4533	Display embargo end date		Jun 24, 2020	Jun 24, 2020	Unassigned	Philip Young	
DS-4532	Dealing with embargo expiring during workflow		Jun 22, 2020	Jun 22, 2020	Unassigned	Deborah Fitchett	
DS-4531	Dealing with embargo expiring during workflow		Jun 22, 2020	Jun 22, 2020	Unassigned	Deborah Fitchett	
DS-4528	Scripts & processes: Integration test for parallel processes		Jun 18, 2020	Jun 22, 2020	Unassigned	Kevin Van de Velde (Atmire)	
DS-4526	Add unit test for new methods in CollectionService		Jun 16, 2020	Jun 16, 2020	Unassigned	Andrea Bollini (4Science)	
DS-4523	ORCID / solr authority control not working in DSpace 7		Jun 10, 2020	Jun 10, 2020	Unassigned	Ben Bosman	
DS-4520	RDFizer incompatible with Virtuoso triple store		Jun 02, 2020	Jun 02, 2020	Unassigned	Tim Hendriks	
DS-4519	RDF consumer causes exception creating admin user		Jun 02, 2020	Jun 02, 2020	Unassigned	Tim Hendriks	

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Meeting Notes

Meeting Transcript

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