DevMtg 2017-09-27

Developers Meeting on Weds, Sept 27, 2017

> (i) **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 28 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 German User Group (Anwendertreffen) was a great success! Thanks to Pascal-Nicolas Becker and others involved in organizing. Presentations available at DSpace Anwendertreffen 2017
2. (*RESCHEDULED FOR OCTOBER 4*) DOI field discussion. Where do we store DOIs going forward? (dc.identifier.doi?)

    a. See this #dev Slack discussion on Sept 20: https://dspace-org.slack.com/archives/C3SG47SGY/p1505923323000280
3. Terrence W Brady's work with DSpace 6 + Codenvy: https://github.com/terrywbrady/dspace-on-codenvy/blob/master/README.md
4. 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-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-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-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-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-3454	Disable Legacy Usage Reports (log file based usage statistics)	➕	Jan 13, 2017	Sep 13, 2017	Unassigned	Terrence W Brady	≫	VOLUNTEER NEEDED	7.0
DS-4205	Upgrade to Handle Server v9	⬆	Apr 02, 2019	Oct 30, 2020	Tim Donohue	Tim Donohue	≫	AWAITING DOCUMENTATION	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-4528	Scripts & processes: Integration test for parallel processes	📄	Jun 18, 2020	Jun 22, 2020	Unassigned	Kevin Van de Velde (Atmire)	≫	RECEIVED	7.0
DS-4497	Upgrade to Solr v8	⬆	May 01, 2020	Jan 22, 2021	Tim Donohue	Tim Donohue	≫	ACCEPTED / CLAIMED	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-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-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-626	Exchange Usage Data with IRUS UK /USA/AUS/...	➕	Jul 08, 2010	Sep 30, 2020	Bram Luyten (Atmire)	Bram Luyten (Atmire)	≫	AWAITING DOCUMENTATION	7.0

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status	Fix Version/s
DS-4028	Harvesting Error when running automatic harvesting scheduler	🟥	Sep 30, 2018	Sep 18, 2019	Unassigned	Elvi S. Nemiz	⏫	VOLUNTEER NEEDED	6.4

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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-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-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-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-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-3749	Selective enabling of identifier generation per-container	➕	Nov 02, 2017	Oct 31, 2019	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
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-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-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-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-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-3952	Expose Request Copy	➕	Jul 12, 2018	Oct 31, 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	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-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-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

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5. Other Tickets needing discussion / attention? (*Please feel free to add any you wish to discuss under this topic*)
6. 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
7. 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-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
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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-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

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2. Newly created tickets this week:

Key	Summary	T	Created	Assignee	Reporter	P	Status

No issues found

3. Old, unresolved tickets with activity this week:

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status
DS-4297	Authorization error when trying to delete item by submitter/administrator	🔴	Jul 05, 2019	Mar 04, 2021	Unassigned	Samuel Cambien (Atmire)	⌄⌄	RECEIVED

1 issue

4. Tickets resolved this week:

Key	Summary	T	Created	Assignee	Reporter	P	Status	Resolution

No issues found

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

Key	Summary	T	Created	Updated	Assignee	Reporter	P
DS-4576	Export/import of Solr authority core with SolrImportExport not handling ORCID "label" multi-value fields properly	🔴	Feb 25, 2021	Feb 25, 2021	Unassigned	Sean Kalynuk	⌄⌄
DS-4573	Filter Media relies on Bitstream Name rather than UUID, skipping files with identical names	🔴	Feb 23, 2021	Feb 23, 2021	Unassigned	Claudia Jürgen	⌄⌄
DS-4572	Deleted Bitstream corresponding extracted files not deleted	🔴	Feb 23, 2021	Feb 23, 2021	Unassigned	Claudia Jürgen	⌄⌄
DS-4571	Registration allows to register more than once with the same email	🔴	Feb 18, 2021	Feb 18, 2021	Unassigned	Santiago Tettamanti (SEDICI)	⌄⌄
DS-4570	UUID fragments included in Legacy Usage Reports (log file based usage statistics)	🔴	Feb 12, 2021	Feb 12, 2021	Unassigned	Anne Lawrence	⌄⌄
DS-4569	Date Display in Browse Indices	🔴	Feb 01, 2021	Feb 01, 2021	Unassigned	Claudia Jürgen	⌄⌄
DS-4568	Possible to create multiple epersons with the same email address	🔴	Jan 29, 2021	Jan 29, 2021	Unassigned	Anne Lawrence	⌄⌄
DS-4567	Solr statistics error	🔴	Jan 26, 2021	Jan 26, 2021	Unassigned	Humberto Blanco	🔺
DS-4566	Export search results feature incorrectly escapes query parameters in search filters	🔴	Jan 26, 2021	Jan 26, 2021	Unassigned	Alan Orth	⌄⌄
DS-4565	Unable to update archived Item using SWORDv2 as collection / community administrator	🔴	Jan 19, 2021	Jan 19, 2021	Unassigned	Jakub ihák	⌃⌃
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 Branan	⌄⌄
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 Branan	⟱
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	⟰

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Meeting Notes

Meeting Transcript

- IRC Transcript is available at - http://irclogs.duraspace.org/index.php?date=2017-09-27