

# DevMtg 2018-02-28

## Developers Meeting on Weds, Feb 28, 2018

### 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 Reminders

*Friendly reminders of upcoming meetings, discussions etc*

- **DSpace 7 Working Group**: Next meeting is Feb 29 at 15:00 UTC in **DSpace Meeting Room**. See wiki page for meeting details and past meeting notes.
- **DSpace Entities Working Group**: Next meeting TBD. See wiki page for meeting details and past meeting notes.
  - Video / notes from last meeting at: [2018-02-23 DSpace Entities WG Meeting Notes](#)
- **DSpace Developer Show and Tell Meetings** : Next Show & Tell will be March 27 at 15:00 UTC. See agenda at [Janitor](#) and [DSpace](#), [DSpace Development on Codenvy - Mar 27, 2018 at 1500 UTC](#)
  - Video / notes from first meeting at [DSpace on AWS, Janitor and DSpace - Feb 27, 2018 at 1600UTC](#)

## Discussion Topics

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

1. (*Ongoing Topic*) **DSpace 7** Status Updates for this week
  1. **DSpace 7 Working Group** is currently concentrating on building out search, submission, authentication and MyDSpace functionality
  2. **DSpace 7 Dev Status spreadsheet**: [https://docs.google.com/spreadsheets/d/18brPF7cZy\\_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0](https://docs.google.com/spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0)
  3. **New Java Code Style Guide** (enforced on "master" branch only)
2. (*Ongoing Topic*) **DSpace 6.x** Status Updates for this week
  1. **DSpace 6.3 Release Planning** has general notes
  2. Currently, we are looking for individual(s) interested in leading / contributing to getting a 6.3 release out the door. Many "usual suspects" are busy with 7.x efforts.
    1. Some discussion that this might be plausible to do via a 1-2 week sprint, but still needs a Sprint Coordinator.
3. **DSpace Entities Working Group draft analysis** (from RCAAP in Portugal).
  1. RCAAP analysis/proposal is at: <https://docs.google.com/document/d/1bb83KkLi9Q29OXF59WV5KYepcPPZwTszpQftTDAjFnk/edit>
  2. *Tim interested in more feedback on these ideas, as part of the proposal includes significant data model changes, potentially in a short period of time. (Additional developer resources may also be available to support this effort, if the effort is included as part of DSpace 7 or minimally done in parallel.)*
  3. What is the best forum to discuss this proposal in more detail?
  4. How can we get Committers / interest developers "up-to-speed" enough to provide feedback here?
4. Tickets, Pull Requests or Email threads/discussions requiring more attention? (*Please feel free to add any you wish to discuss under this topic*)
  1. **DSpace 6 performance issues** with items containing a lot of bitstreams? [https://groups.google.com/d/msg/dspace-tech/ZSxdm5EkT6E/iYixh3\\_TAAAJ](https://groups.google.com/d/msg/dspace-tech/ZSxdm5EkT6E/iYixh3_TAAAJ)
  2.  **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](#)
  1. 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.
  2. 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](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)

▼ [Click here to expand...](#)

Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status	Fix Version/s
DS-4044	DataCiteConnector assumes schema version 2.2		Oct 09, 2018	Oct 25, 2018	Mark H. Wood	Mark H. Wood		Code Review Needed	5.11
DS-4166	Paginate and searchable mydspace (submission, tasks)		Feb 12, 2019	Mar 07, 2019	Andrea Bollini (4Science)	Andrea Bollini (4Science)		Code Review 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-4036	Delete EPersons in DSpace		Oct 04, 2018	Feb 27, 2019	Pascal-Nicolas Becker	Pascal-Nicolas Becker		Code Review Needed	7.0
DS-3695	Solr needs to be upgraded, Solr 4 is EOL		Sep 16, 2017	Mar 22, 2019	Terry Brady	Pascal-Nicolas Becker		Code Review Needed	7.0
DS-3851	Endpoint to interact with the workflow		Feb 23, 2018	Nov 12, 2018	Andrea Bollini (4Science)	Andrea Bollini (4Science)		Code Review Needed	7.0
DS-4091	Rest api community / collections CRUD		Dec 03, 2018	Dec 03, 2018	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		Code Review Needed	7.0
DS-4109	Rest api metadata registry CRUD		Dec 12, 2018	Dec 12, 2018	Kevin Van de Velde (Atmire)	Kevin Van de Velde (Atmire)		Code Review Needed	7.0
DS-4205	Upgrade to Handle Server v9		Apr 02, 2019	Apr 17, 2019	Unassigned	Tim Donohue		Code Review Needed	7.0
DS-3749	Selective enabling of identifier generation per-container		Nov 02, 2017	Mar 30, 2018	Mark H. Wood	Mark H. Wood		Code Review Needed	7.0
DS-3701	Hibernate validation schema failure on Public. Doi		Sep 26, 2017	Sep 26, 2017	Unassigned	Andrea Bollini (4Science)		Code Review Needed	7.0
DS-	Restrospectively create DOI's for alle items in		Jul	Mar		Claudia		Code	

2670	archive		22, 2015	30, 2018	Mark H. Wood	Jürgen		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-3385	OAI filter to exclude set from harvesting		Nov 14, 2016	Nov 23, 2016	Unassigned	Ivan Masár		Code Review Needed	7.0
DS-3730	Items and Bitstreams endpoint should only return records that the user is allowed to view		Oct 26, 2017	Oct 31, 2017	Tom Desair	Tom Desair		Code Review Needed	7.0
DS-3736	EPerson REST endpoint should expose groups as a link		Oct 28, 2017	Sep 29, 2018	Tom Desair	Andrea Bollini (4Science)		Code Review Needed	7.0
DS-4032	RequestItem.isAccept_request() can NPE if setAccept_request() was never called.		Oct 02, 2018	Oct 02, 2018	Mark H. Wood	Mark H. Wood		Code Review Needed	7.0
DS-3850	Create new submissions from files or identifiers		Feb 23, 2018	Sep 29, 2018	Luigi Andrea Pascarelli (4Science)	Andrea Bollini (4Science)		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-3953	Externalize hard-coded list of metadata registry files in updater		Jul 13, 2018	Oct 25, 2018	Mark H. Wood	Mark H. Wood		Code Review Needed	7.0

Showing 20 out of 47 issues

## 2. Newly created tickets this week:

[Click here to expand...](#)

Key	Summary	T	Created	Assignee	Reporter	P	Status
DS-4227	CORS headers not present when retrieving Bitstream content		Apr 25, 2019	Unassigned	Raf Ponsaerts (Atmire)		Received
DS-4226	CSV Import improvements in entities		Apr 25, 2019	Unassigned	Ben Bosman		Received
DS-4225	code optimizations for entities		Apr 25, 2019	Unassigned	Ben Bosman		Received
DS-4224	Paginated methods for relationships		Apr 25, 2019	Unassigned	Ben Bosman		Received
DS-4223	Metadata Schemas for configurable entities		Apr 25, 2019	Unassigned	Ben Bosman		Received
DS-4222	The CCLicense does not care about locale.		Apr 23, 2019	Unassigned	Gregor Gabriel		Code Review Needed
DS-4221	Fallback to the first collection if the user cannot submit to the default collection		Apr 23, 2019	Unassigned	Andrea Bollini (4Science)		Received

7 issues

## 3. Old, unresolved tickets with activity this week:

[Click here to expand...](#)

K	Cre	Upd	Assi	Rep
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Key	Summary	T	Created	Updated	Assignee	Reporter	P	Status
DS-3658	Full reindex (index-discovery) is triggered whenever Flyway finds a new DB migration		Jul 31, 2017	Apr 24, 2019	Unassigned	Terry Brady		Code Review Needed

1 issue

4. Tickets resolved this week:

[Click here to expand...](#)

Key	Summary	T	Created	Assignee	Reporter	P	Status	Resolution
DS-4218	Error when running /dspace/bin/dspace initialize-entities -f a second time		Apr 12, 2019	Ben Bosman	Paulo Graça		Closed	Fixed
DS-4216	Error when trying to create a new community - 415 Unsupported Media Type		Apr 12, 2019	Art Lowel (Atmire)	Paulo Graça		Closed	Fixed

2 issues

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

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Assignee	Reporter	P
DS-4227	CORS headers not present when retrieving Bitstream content		Apr 25, 2019	Apr 25, 2019	Unassigned	Raf Ponsaerts (Atmire)	
DS-4226	CSV Import improvements in entities		Apr 25, 2019	Apr 25, 2019	Unassigned	Ben Bosman	
DS-4225	code optimizations for entities		Apr 25, 2019	Apr 25, 2019	Unassigned	Ben Bosman	
DS-4224	Paginated methods for relationships		Apr 25, 2019	Apr 25, 2019	Unassigned	Ben Bosman	
DS-4223	Metadata Schemas for configurable entities		Apr 25, 2019	Apr 25, 2019	Unassigned	Ben Bosman	
DS-4221	Fallback to the first collection if the user cannot submit to the default collection		Apr 23, 2019	Apr 23, 2019	Unassigned	Andrea Bollini (4Science)	
DS-4220	Setting Sidebar Disappears While Editing Side Bar Text HTML		Apr 16, 2019	Apr 16, 2019	Unassigned	Rachel Wang	
DS-4219	dspace filter-media throws exception		Apr 12, 2019	Apr 12, 2019	Unassigned	Michael Spalti	
DS-4214	Null pointer exception when running OAI Harvest		Apr 09, 2019	Apr 09, 2019	Unassigned	Ryan Laddusaw	
DS-4213	ignore-on-export not default behavior in DSpace 6		Apr 09, 2019	Apr 09, 2019	Unassigned	Anne Lawrence	
			Apr	Apr			

DS-4212	Solr indexing slow		05, 2019	05, 2019	Unassigned	Bill Tantzen	
DS-4211	Empty subcommunity causes NullPointerException when exporting metadata		Apr 05, 2019	Apr 05, 2019	Unassigned	Nicholas Woodward	
DS-4210	Deposit on collection without workflow seems to fail (405 but succeed)		Apr 05, 2019	Apr 05, 2019	Andrea Bollini (4Science)	Andrea Bollini (4Science)	
DS-4209	SearchFilterToAppliedFilterConverter assumes that authorities always come from the authority core		Apr 04, 2019	Apr 04, 2019	Unassigned	Andrea Bollini (4Science)	
DS-4208	XMLUI Jump to Date: Form parameters are not retained on second year selection		Apr 03, 2019	Apr 03, 2019	Unassigned	Terry Brady	
DS-4207	Modify design of submissions page for logged in users		Apr 03, 2019	Apr 03, 2019	Unassigned	Gail Steinhart	
DS-4206	Allow entry of alt-text for collection and community logos /thumbnails		Apr 03, 2019	Apr 03, 2019	Unassigned	Gail Steinhart	
DS-4204	Modify DSpace Code for full container deployment		Apr 01, 2019	Apr 01, 2019	Unassigned	Terry Brady	
DS-4203	One Webapp - Sword Service Validation Issue when deployed to /spring-rest/sword		Mar 28, 2019	Mar 28, 2019	Tim Donohue	Terry Brady	
DS-4200	IPAuthentication doesn't work with 128 as netmask/prefix length (IPv6)		Mar 27, 2019	Mar 27, 2019	Unassigned	Alexander Sulfrian	

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## Meeting Notes

## Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2018-02-28>