DevMtg 2018-04-11

Developers Meeting on Weds, April 11, 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 (2016-2023): Next meeting is April 12 at 14:00 UTC in DSpace Meeting Room. See wiki page for meeting details and past meeting notes.
- DSpace Entities Working Group (2017-18): Next meeting is TBD. See wiki page for meeting details and past 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. DSpace 7 Community Sprints : First sprint will be two weeks, May 7-18. Signup if interested
    a. Sprint goals documented at DSpace 7 Community Sprint 1
2. (*Ongoing Topic*) DSpace 7 Status Updates for this week (no major updates)
    a. DSpace 7 Working Group (2016-2023) is currently concentrating on building out search, submission, authentication and MyDSpace functionality
        i. Demo of 4Science submission/workflow UI is at: https://youtu.be/FO7s9ZIIZNI Slides also available at https://www.slideshare.net/4Science/4science-submission-module-preview
    b. DSpace 7 Dev Status spreadsheet: https://docs.google.com/spreadsheets/d/18brPF7cZy_UKyj97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0
3. (Ongoing Topic) DSpace 6.x Status Updates for this week
    a. DSpace 6.3 Release Planning is ongoing. Big thanks to Terrence W Brady for working on so many PRs in the last week. We are still short on testers / reviewers. Remember, you need not be a committer to provide useful feedback, reviews and code contributions! The more people we have, the faster we can get through the outstanding work.
    b. Just a reminder to please keep the DSpace 6.3 Release Status Page updated as PRs are reviewed, merged, ported to master, etc. It's a big tricky page but quite useful as a central place to keep track of things. Soon we'll be able to rely more on JIRA and Github reports /filters, once we've got Fix Versions and milestones tagged in appropriately.
    c. Kim Shepherd will hang out in #dev for an hour or two after this meeting if anyone wants to help tag, test, review PRs and JIRA issues for 6.3
    d. Usual reminder: we could use your support! See also the call for participation on all lists: https://groups.google.com/d/msg/dspace-tech/pBy714dGqU0/MGszGDCYAgAJ
4. Tickets, Pull Requests or Email threads/discussions requiring more attention? *(Please feel free to add any you wish to discuss under this topic)*
    a. ORCID support broken: Unable to locate Jira server for this macro. It may be due to Application Link configuration.
    b. DSpace 6 performance is
    c. Unable to locate Jira server for this macro. It may be due to Application Link configuration.

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	type	created	updated	assignee	reporter	priority	status	fixversions

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2. Newly created tickets this week:

key	summary	type	created	assignee	reporter	priority	status

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3. Old, unresolved tickets with activity this week:

key	summary	type	created	updated	assignee	reporter	priority	status

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4. Tickets resolved this week:

key	summary	type	created	assignee	reporter	priority	status	resolution

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

key	summary	type	created	updated	assignee	reporter	priority

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Meeting Notes

Meeting Transcript

- IRC Transcript is available at - http://irclogs.duraspace.org/index.php?date=2018-04-11