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

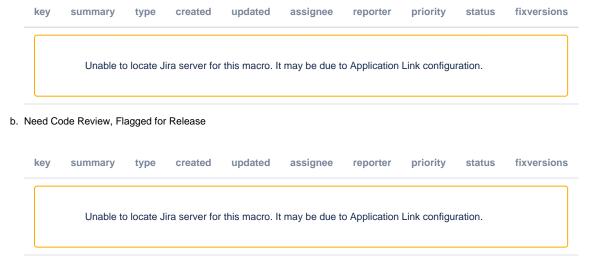
Agenda

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 (2016-2023) - 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



- 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
 - 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:

Locate Jira server for this macro. It may be due to Application Link configuration.

2. Newly created tickets this week:

Unable to locate Jira server for this macro. It may be due to Application Link configuration.

3. Old, unresolved tickets with activity this week:

Unable to locate Jira server for this macro. It may be due to Application Link configuration.

4. Tickets resolved this week:

Unable to locate Jira server for this macro. It may be due to Application Link configuration.

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

Unable to locate Jira server for this macro. It may be due to Application Link configuration.

Meeting Notes

Meeting Transcript

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