DevMtg 2017-10-25

Developers Meeting on Weds, Oct 25, 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

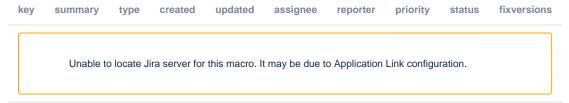
Quick Notes / Reminders

- DSpace 7 Working Group (2016-2023): Next meeting is TOMORROW, Oct 26 at 15:00 UTC (11:00am EDT) in Google Hangouts. See wiki page for meeting details and past meeting notes.
 - O DSpace 7 UI Mockups Watch this page for UI/UX mockups that are currently under discussion, etc.
- DSpace Entities Working Group (2017-18): Next meeting is Friday, Oct 27 at 15:00UTC (11:00am EDT). See wiki page for meeting details and
 past meeting notes.

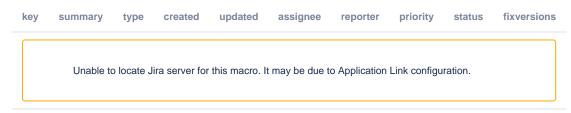
Discussion Topics

- 1. (Ongoing Topic) DSpace 7 Status Updates for this week
 - a. Team is currently concentrating on building out search functionality & submission functionality
- a. Unable to locate Jira server for this macro. It may be due to and https://gith.

 b. I. Code Style Guide . Early notes on DSpace code style & how it compares with a few other projects (namely Google and Fedora
- Commons)
 3. DSpace High Priority Tickets
 - a. High Priority (Blocker, Critical or Major) and flagged for release



b. Need Code Review, Flagged for Release



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

created updated assignee reporter priority status fixversions key summary type Unable to locate Jira server for this macro. It may be due to Application Link configuration. 2. Newly created tickets this week: key summary type created assignee reporter priority status Unable to locate Jira server for this macro. It may be due to Application Link configuration. 3. Old, unresolved tickets with activity this week: status key summary type created updated assignee reporter priority Unable to locate Jira server for this macro. It may be due to Application Link configuration.

Tickets resolved this week:

key summary type created assignee reporter priority status resolution

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:

key summary type created updated assignee reporter priority

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=2017-10-25