DevMtg 2017-08-30

Developers Meeting on Weds, Aug 30, 2017

Today's Meeting Times

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- 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

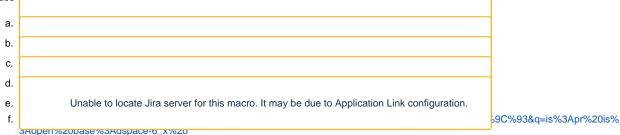
Agenda

Quick Notes / Reminders

NEXT DSpace 7 UI MEETING: TOMORROW, Aug 31 at 15:00 UTC (11:00am EDT) in Google Hangouts
 OSpace 7 Working Group (2016-2023) - Watch this page for initial ongoing updates on meetings, etc.

Discussion Topics

- 1. Resources/Talks/Notes from DSpace North American User Group (at Georgetown, Aug 22-23): https://github.com/terrywbrady /dspaceUserMeeting/blob/master/README.md
- 2. DSpace Commediate Deleges to fix Libernate income



- 3. Discussion of DB Connections in DSpace 6 (Hibernate) vs DSpace 5. (More 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.
 - This is what we saw in DS-3659, two separate Context objects used the same connection, and one accidentally rolled back the changes of a previous Context (because they were in the same thread).
 - ii. 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 s essionFactory.getCurrentSession() in HibernateDBConnection, which doesn't guarantee a new connection: https://gith ub.com/DSpace/DSpace/blob/dspace-6_x/dspace-api/src/main/java/org/dspace/core/HibernateDBConnection.java
- 4. DSpace High Priority Tickets

b. N

key

summary

a. High Priority (Blocker, Critical or Major) and flagged for release

type

created

updated

key	summary	type	created	updated	assignee	reporter	priority	status	fixversions
	Unable to	o locate J	ira server for	this macro. I	t may be due t	o Application	Link configu	ration.	
leed Co	ode Review, Fl	agged for	Release						

assignee

reporter

priority

status

fixversions

	Unable to locate Jira server for this macro. It may be due to Application Link configuration.									
 5. DSpace + Spring: Slack Discussion on whether DSpace codebase should move more towards the Spring way of doing things (e.g. Depending the provided of the provided										
Ticket Summaries 1. Help us test / code review! These are tickets needing code review/testing and flagged for a future release:										
key	summary type created updated assignee reporter priority status fixversions									
	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:										
key	summary type created updated assignee reporter priority status									
Unable to locate Jira server for this macro. It may be due to Application Link configuration.										
4. Tickets res	solved 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:



Meeting Notes

Meeting Transcript

• IRC Transcript is available at - http://irclogs.duraspace.org/index.php?date=2017-08-30