DevMtg 2017-09-27

Developers Meeting on Weds, Sept 27, 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, Sept 28 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. DSpace German User Group (Anwendertreffen) was a great success! Thanks to Pascal-Nicolas Becker and others involved in organizing. Presentations available at DSpace Anwendertreffen 2017
- 2. (RESCHEDULED FOR OCTOBER 4) DOI field discussion. Where do we store DOIs going forward? (dc.identifier.doi?)
 - a. See this #dev Slack discussion on Sept 20: https://dspace-org.slack.com/archives/C3SG47SGY/p1505923323000280
- 3. Terrence W Brady's work with DSpace 6 + Codenvy: https://github.com/terrywbrady/dspace-on-codenvy/blob/master/README.md
- 4. DSpace High Priority Tickets

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

key	summary	type	created	updated	assignee	reporter	priority	status	fixversions		
	Unable to	o locate J	ira server for	this macro. It	t may be due t	o Application	Link configu	ration.			
Need Code Review, Flagged for 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.

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

b.

- a. Management of database connections for DSpace going forward (7.0 and beyond). What behavior is ideal? Also see notes at DSpace Database Access
 - i. 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.
 - 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
- 7. 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:

	key	summary	type	created	updated	assignee	reporter	priority	status	fixversions
		Unable to	o locate Ji	ra server for	this macro. I	t may be due t	o Application	Link config	uration.	
2.	Newly c	reated tickets t	his week:							
	key	summary	type	e creat	ted ass	ignee r	eporter	priority	status	
	Unable to locate Jira server for this macro. It may be due to Application Link configuration.									
3.	Old, unr	esolved tickets	with activ	ity this weel	« :					
	key	summary	type	created	updated	assignee	reporter	priorit	y status	
	Unable to locate Jira server for this macro. It may be due to Application Link configuration.									
4.	Tickets	resolved this w	eek:							
	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 reviev	v. This is t	he JIRA Ba	cklog of "Rec	eived" tickets:				

key	summary	type	created	updated	assignee	reporter	priority
	Unable to lo configuration		erver for this r	macro. It may b	e due to Applica	tion Link	

Meeting Notes

Meeting Transcript

• IRC Transcript is available at - http://irclogs.duraspace.org/index.php?date=2017-09-27