EDIT - bug #8066

CdmUserHelper.createAuthorityFor() causes flush of pending transactions

02/06/2019 12:32 PM - Andreas Kohlbecker

Status:	Closed		**Start date:**	
Priority:	Highest		**Due date:**	
Assignee:	Andreas Kohlbecker		**% Done:**	100%
Category:	cdmlib		**Estimated time:**	0:00 hour
Target version:	Release 5.5			
Severity:	normal		**Found in Version:**	

Description

This was observed when testing for regressions related to #8039, the following steps where done in the registration UI

1. add "existing name" to registration workingset
2. add NameTypeDesignation
3. create new "Typified Name"
4. Save NameTypeDesignationPopupEditor

during the save operation a PermissionDeniedException occurred:

```
[reference_int] 12:10:42,124 ERROR [qtp93314457-353][eu.et.va.mv.AbstractPopupEditor] - eu.etaxono
my.cdm.database.PermissionDeniedException: [CREATE] not permitted for 'system-admin' on Registrati
on[uuid:5920ff17-ff73-4930-acb7-3a5d2d906279', toString:'Registration#42<5920ff17-ff73-4930-acb7-3
a5d2d906279>']
```

this was caused by a flush on dirty in the CdmUserHelper.createAuthorityFor() method

Associated revisions

Revision 4c2a3c2c - 02/06/2019 01:10 PM - Andreas Kohlbecker

fix #8066 doing a forced flush before changing the authentication

History

#1 - 02/06/2019 12:37 PM - Andreas Kohlbecker

- Description updated

A forced flush before changing the authentication should help in this case. Other options are to

- do the authority creation in a separate transaction which would involve to use a different transaction isolation level.
- use a temporary sub-session like in
  eu.etaxonomy.cdm.persistence.hibernate.GrantedAuthorityRevokingRegistrationUpdateLister.deleteAuthorities()

#2 - 02/06/2019 01:09 PM - Andreas Kohlbecker

Using the PROPAGATION_REQUIRES_NEW turned out to be in-appropriate. It was causing LazyInitializationExceptions, the same would be the case with temporary sub-sessions. In both cases it would be needed to reload cdm entity into the new session to avoid the LazyInitializationExceptions

Doing an explicit flush seems to be a good solution to the problem.

#3 - 02/06/2019 01:10 PM - Andreas Kohlbecker

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset cdmlib|4c2a3c2cc8e7583d613dd5e24afc5fdda3442816.

#4 - 02/06/2019 02:48 PM - Andreas Kohlbecker

- Status changed from Resolved to Closed

- % Done changed from 50 to 100