

EDIT - bug #7353

SpecimenTypedesignationsWorkingsetEditor: error on saving after changing kindOfUnit

04/19/2018 02:02 PM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	cdm-vaadin	Estimated time:	0:00 hour
Target version:	Release 5.0	Found in Version:	Release 4.14
Severity:	critical		
Description			
Changing the kindOfUnit from can cause the situation in which an already existing DerivedUnit is to be persistet twice:			
Caused by: org.hibernate.exception.ConstraintViolationException: could not execute statement at org.hibernate.exception.internal.SQLExceptionTypeDelegate.convert(SQLExceptionTypeDelegate.java:59) at org.hibernate.exception.internal.StandardSQLExceptionConverter.convert(StandardSQLExceptionConverter.java:42) at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:109) at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:95) at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.executeUpdate(ResultSetReturnImpl.java:207) at org.hibernate.engine.jdbc.batch.internal.NonBatchingBatch.addToBatch(NonBatchingBatch.java:45) at org.hibernate.persister.entity.AbstractEntityPersister.insert(AbstractEntityPersister.java:2886) at org.hibernate.persister.entity.AbstractEntityPersister.insert(AbstractEntityPersister.java:3386) at org.hibernate.action.internal.EntityInsertAction.execute(EntityInsertAction.java:89) at org.hibernate.engine.spi.ActionQueue.executeActions(ActionQueue.java:560) at org.hibernate.engine.spi.ActionQueue.executeActions(ActionQueue.java:434) at org.hibernate.event.internal.AbstractFlushingEventListener.performExecutions(AbstractFlushingEventListener.java:337) at org.hibernate.event.internal.DefaultFlushEventListener.onFlush(DefaultFlushEventListener.java:39) at org.hibernate.internal.SessionImpl.flush(SessionImpl.java:1282) at eu.etaxonomy.cdm.service.SpecimenTypeDesignationWorkingSetServiceImpl.save(SpecimenTypeDesignationWorkingSetServiceImpl.java:177) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:302) at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:190) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:157) at org.springframework.transaction.interceptor.TransactionInterceptor\$1.proceedWithInvocation(TransactionInterceptor.java:99) at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:281) at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:96) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179) at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:208)			

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    at com.sun.proxy.$Proxy858.save (Unknown Source)
    at eu.etaxonomy.cdm.vaadin.view.name.SpecimenTypeDesignationWorkingsetEditorPresent
er.saveBean (SpecimenTypeDesignationWorkingsetEditorPresenter.java:251)
    at eu.etaxonomy.cdm.vaadin.view.name.SpecimenTypeDesignationWorkingsetEditorPresent
er.saveBean (SpecimenTypeDesignationWorkingsetEditorPresenter.java:63)
    at eu.etaxonomy.vaadin.mvp.AbstractEditorPresenter.onEditorSaveEvent (AbstractEditor
Presenter.java:69)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.jav
a:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.vaadin.spring.events.internal.MethodListenerWrapper.publish (MethodListenerWr
apper.java:78)
    at org.vaadin.spring.events.internal.ListenerCollection.publish (ListenerCollection.
java:167)
    at org.vaadin.spring.events.internal.ScopedEventBus.publish (ScopedEventBus.java:116
)
    at org.vaadin.spring.events.internal.ScopedEventBus.publish (ScopedEventBus.java:109
)
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor$SaveHandler.postCommit (AbstractPopup
Editor.java:265)
    ... 83 more
Caused by: com.mysql.jdbc.exceptions.jdbc4.MySQLIntegrityConstraintViolationException: Duplicate e
ntry '3d6af4dc-23c1-4bd7-be53-061b978df7fc' for key 'UK_27bp7fmyeik8x3y8norvgtsr3'
    at sun.reflect.NativeConstructorAccessorImpl.newInstance0 (Native Method)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance (NativeConstructorAccesso
rImpl.java:62)
    at sun.reflect.DelegatingConstructorAccessorImpl.newInstance (DelegatingConstructorA
ccessorImpl.java:45)
    at java.lang.reflect.Constructor.newInstance (Constructor.java:423)
    at com.mysql.jdbc.Util.handleNewInstance (Util.java:404)
    at com.mysql.jdbc.Util.getInstance (Util.java:387)
    at com.mysql.jdbc.SQLException.createSQLException (SQLException.java:932)
    at com.mysql.jdbc.MysqlIO.checkErrorPacket (MysqlIO.java:3878)
    at com.mysql.jdbc.MysqlIO.checkErrorPacket (MysqlIO.java:3814)
    at com.mysql.jdbc.MysqlIO.sendCommand (MysqlIO.java:2478)
    at com.mysql.jdbc.MysqlIO.sqlQueryDirect (MysqlIO.java:2625)
    at com.mysql.jdbc.ConnectionImpl.execSQL (ConnectionImpl.java:2551)
    at com.mysql.jdbc.PreparedStatement.executeInternal (PreparedStatement.java:1861)
    at com.mysql.jdbc.PreparedStatement.executeUpdateInternal (PreparedStatement.java:20
73)
    at com.mysql.jdbc.PreparedStatement.executeUpdateInternal (PreparedStatement.java:20
09)
    at com.mysql.jdbc.PreparedStatement.executeLargeUpdate (PreparedStatement.java:5094)
    at com.mysql.jdbc.PreparedStatement.executeUpdate (PreparedStatement.java:1994)
    at com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeUpdate (NewProxyPrepara
dStatement.java:384)
    at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.executeUpdate (ResultSetRe
turnImpl.java:204)
    ... 118 more

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This problem is caused by DerivedUnits not being deleted correctly in the DerivedUnitConverter.convertTo() method. This method is changing the persisted state when eve a conversion takes place, this is anyway an antipattern and should be avoided. --> [#7354](#)

Related issues:

Blocked by EDIT - bug #7354: DerivedUnitConverter handles associated Specimen...

Closed

Associated revisions

Revision 3baf1767 - 04/19/2018 02:20 PM - Andreas Kohlbecker

fix #7353 SpecimenTypedesignationsWorkingsetEditor: adapting to changes in DerivedUnitConverter and blockig kindOfUnit changes in case of multiple typeDesignations per specimen

History

#1 - 04/19/2018 02:02 PM - Andreas Kohlbecker

- Tags set to phycobank
- Project changed from Phycobank to EDIT
- Category set to cdm-vaadin
- Assignee set to Andreas Kohlbecker
- Priority changed from New to Highest
- Target version set to Release 5.0
- Severity set to critical
- Found in Version set to Release 4.14

#2 - 04/19/2018 02:03 PM - Andreas Kohlbecker

- Category changed from cdm-vaadin to cdmllib

#3 - 04/19/2018 02:03 PM - Andreas Kohlbecker

- Category changed from cdmllib to cdm-vaadin

#4 - 04/19/2018 02:07 PM - Andreas Kohlbecker

- Blocked by bug #7354: DerivedUnitConverter handles associated SpecimenTypeDesignation correctly added

#5 - 04/19/2018 02:08 PM - Andreas Kohlbecker

- Description updated

#6 - 04/19/2018 02:20 PM - Andreas Kohlbecker

- Status changed from New to Resolved
- % Done changed from 0 to 50

Applied in changeset [cdm-vaadin|3baf176789a2471e9174a095357ed78cb690c3d5](#).

#7 - 08/03/2018 01:38 PM - Andreas Kohlbecker

- % Done changed from 50 to 100

this no longer happens

#8 - 08/03/2018 01:40 PM - Andreas Kohlbecker

- Status changed from Resolved to Closed