

## EDIT - bug #5289

### trying to delete an already deleted object leads to not correctly handled exception

09/24/2015 10:42 AM - Katja Luther

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Priority14	<b>Due date:</b>	
<b>Assignee:</b>	Katja Luther	<b>% Done:</b>	100%
<b>Category:</b>	taxeditor	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 4.0	<b>Found in Version:</b>	
<b>Severity:</b>	normal		
<b>Description</b>			
Errors are now handled by standard error handling, so we can probably close this ticket.			
However, when I tried to delete a taxon node which I did delete before in the database (via SQL) I still got an exception which was difficult to read/understand by the user:			
An error occurred while executing Delete. null Please contact EDIT Support ....			
Reason:			
org.eclipse.core.commands.ExecutionException: While executing the operation, an exception occurred.			
with stacktrace:			
login : admin editor version : 3.8.0.201509052203 server : localhost / Z350_editor_test schema version : 3.6.0.0.201527040000 os : Windows Server 2012 6.2 amd64 java : 1.7.0_75 org.eclipse.core.commands.ExecutionException: While executing the operation, an exception occurred at org.eclipse.core.commands.operations.DefaultOperationHistory.execute (DefaultOperationHistory.java:521) at eu.etaxonomy.taxeditor.model.AbstractUtility\$1.run (AbstractUtility.java:313) at org.eclipse.jface.operation.ModalContext.runInCurrentThread (ModalContext.java:464) at org.eclipse.jface.operation.ModalContext.run (ModalContext.java:372) at org.eclipse.jface.window.ApplicationWindow\$1.run (ApplicationWindow.java:759) at org.eclipse.swt.custom.BusyIndicator.showWhile (BusyIndicator.java:70) at org.eclipse.jface.window.ApplicationWindow.run (ApplicationWindow.java:756) at org.eclipse.ui.internal.WorkbenchWindow.run (WorkbenchWindow.java:2649) at org.eclipse.ui.internal.progress.ProgressManager\$RunnableWithStatus.run (ProgressManager.java:1346) at org.eclipse.swt.custom.BusyIndicator.showWhile (BusyIndicator.java:70) at org.eclipse.ui.internal.progress.ProgressManager\$7.run (ProgressManager.java:1184) at org.eclipse.swt.widgets.Synchronizer.syncExec (Synchronizer.java:180) at org.eclipse.ui.internal.UISynchronizer.syncExec (UISynchronizer.java:150) at org.eclipse.swt.widgets.Display.syncExec (Display.java:4683) at org.eclipse.ui.internal.progress.ProgressManager.runInUI (ProgressManager.java:1182) at eu.etaxonomy.taxeditor.model.AbstractUtility.runInUI (AbstractUtility.java:491) at eu.etaxonomy.taxeditor.model.AbstractUtility.executeOperation (AbstractUtility.java:331) at eu.etaxonomy.taxeditor.navigation.navigator.handler.DeleteHandler.execute (DeleteHandler.java:141) at org.eclipse.ui.internal.handlers.HandlerProxy.execute (HandlerProxy.java:293) at org.eclipse.core.commands.Command.executeWithChecks (Command.java:476) at org.eclipse.core.commands.ParameterizedCommand.executeWithChecks (ParameterizedCommand.java:508) at org.eclipse.ui.internal.handlers.HandlerService.executeCommand (HandlerService.java:169) at org.eclipse.ui.internal.handlers.SlaveHandlerService.executeCommand (SlaveHandlerService.java:241) at org.eclipse.ui.internal.handlers.SlaveHandlerService.executeCommand (SlaveHandlerService.java:241)			

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    at org.eclipse.ui.menus.CommandContributionItem.handleWidgetSelection(CommandContributionItem.java:829)
    at org.eclipse.ui.menus.CommandContributionItem.access$19(CommandContributionItem.java:815)
    at org.eclipse.ui.menus.CommandContributionItem$5.handleEvent(CommandContributionItem.java:805)
)
    at org.eclipse.swt.widgets.EventTable.sendEvent(EventTable.java:84)
    at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1053)
    at org.eclipse.swt.widgets.Display.runDeferredEvents(Display.java:4165)
    at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3754)
    at org.eclipse.ui.internal.Workbench.runEventLoop(Workbench.java:2701)
    at org.eclipse.ui.internal.Workbench.runUI(Workbench.java:2665)
    at org.eclipse.ui.internal.Workbench.access$4(Workbench.java:2499)
    at org.eclipse.ui.internal.Workbench$7.run(Workbench.java:679)
    at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:332)
    at org.eclipse.ui.internal.Workbench.createAndRunWorkbench(Workbench.java:668)
    at org.eclipse.ui.PlatformUI.createAndRunWorkbench(PlatformUI.java:149)
    at eu.etaxonomy.taxeditor.Application.start(Application.java:24)
    at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:196)
    at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(EclipseAppLaunc
her.java:110)
    at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLauncher.java:
79)
    at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:344)
    at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:179)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
    at java.lang.reflect.Method.invoke(Unknown Source)
    at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:622)
    at org.eclipse.equinox.launcher.Main.basicRun(Main.java:577)
    at org.eclipse.equinox.launcher.Main.run(Main.java:1410)
Caused by: org.springframework.dao.InvalidDataAccessApiUsageException: deleted object would be re-
saved by cascade (remove deleted object from associations): [eu.etaxonomy.cdm.model.taxon.Taxon#60
]; nested exception is org.hibernate.ObjectDeletedException: deleted object would be re-saved by c
ascade (remove deleted object from associations): [eu.etaxonomy.cdm.model.taxon.Taxon#60]
    at org.springframework.orm.hibernate4.SessionFactoryUtils.convertHibernateAccessException(Sess
ionFactoryUtils.java:169)
    at org.springframework.orm.hibernate4.HibernateTransactionManager.convertHibernateAccessExcept
ion(HibernateTransactionManager.java:680)
    at org.springframework.orm.hibernate4.HibernateTransactionManager.doCommit(HibernateTransactio
nManager.java:562)
    at org.springframework.transaction.support.AbstractPlatformTransactionManager.processCommit(Ab
stractPlatformTransactionManager.java:755)
    at org.springframework.transaction.support.AbstractPlatformTransactionManager.commit(AbstractP
latformTransactionManager.java:724)
    at eu.etaxonomy.cdm.api.conversation.ConversationHolder.commit(ConversationHolder.java:303)
    at eu.etaxonomy.taxeditor.operation.AbstractPersistentPostOperation.postExecute(AbstractPersis
tentPostOperation.java:99)
    at eu.etaxonomy.taxeditor.navigation.navigator.operation.DeleteOperation.execute(DeleteOperati
on.java:161)
    at org.eclipse.core.commands.operations.DefaultOperationHistory.execute(DefaultOperationHistor
y.java:513)
    ... 50 more
Caused by: org.hibernate.ObjectDeletedException: deleted object would be re-saved by cascade (remo
ve deleted object from associations): [eu.etaxonomy.cdm.model.taxon.Taxon#60]
    at org.hibernate.internal.SessionImpl.forceFlush(SessionImpl.java:1225)
    at org.hibernate.event.internal.DefaultSaveOrUpdateEventListener.entityIsTransient(DefaultSave
OrUpdateEventListener.java:182)
    at org.hibernate.event.internal.DefaultSaveOrUpdateEventListener.performSaveOrUpdate(DefaultSa
veOrUpdateEventListener.java:114)
    at org.hibernate.event.internal.DefaultSaveOrUpdateEventListener.onSaveOrUpdate(DefaultSaveOrU
pdateEventListener.java:90)
    at org.hibernate.internal.SessionImpl.fireSaveOrUpdate(SessionImpl.java:727)
    at org.hibernate.internal.SessionImpl.saveOrUpdate(SessionImpl.java:719)
    at org.hibernate.engine.spi.CascadingAction$5.cascade(CascadingAction.java:258)
    at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:387)
    at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:330)

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at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:208)
at org.hibernate.engine.internal.Cascade.cascade (Cascade.java:165)
at org.hibernate.event.internal.AbstractFlushingEventListener.cascadeOnFlush (AbstractFlushingE
ventListener.java:160)
at org.hibernate.event.internal.AbstractFlushingEventListener.prepareEntityFlushes (AbstractFlu
shingEventListener.java:151)
at org.hibernate.event.internal.AbstractFlushingEventListener.flushEverythingToExecutions (Abst
ractFlushingEventListener.java:88)
at org.hibernate.event.internal.DefaultFlushEventListener.onFlush (DefaultFlushEventListener.ja
va:51)
at org.hibernate.internal.SessionImpl.flush (SessionImpl.java:1213)
at org.hibernate.internal.SessionImpl.managedFlush (SessionImpl.java:402)
at org.hibernate.engine.transaction.internal.jdbc.JdbcTransaction.beforeTransactionCommit (Jdbc
Transaction.java:101)
at org.hibernate.engine.transaction.spi.AbstractTransactionImpl.commit (AbstractTransactionImpl
.java:175)
at org.springframework.orm.hibernate4.HibernateTransactionManager.doCommit (HibernateTransactio
nManager.java:554)
... 56 more
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This is problematic in multiple ways:

- The first sentence is not good English. If this is due to concatenation we should rather have a line break I guess. NPEs should always be translated to what it is and not using "null".
- Unexpected exceptions/errors should always be called "unexpected" not only exceptions/errors. If not expected they should give more detailed information on what happened and how to solve it.
- We may want to check why a re-save may take place here. Though the data is corrupt in a way, I wouldn't expect re-save to happen. But we may also check if this is the same behavior in remoting before spending unnecessary time here.

This ticket was split from #5140

#### Related issues:

Copied to EDIT - bug #5670: Refresh of Taxon Navigator

Closed

#### Associated revisions

Revision 83a06467 - 02/29/2016 01:10 PM - Katja Luther

fix #5289

#### History

#1 - 10/14/2015 02:45 PM - Katja Luther

- Target version changed from Unassigned CDM tickets to Release 3.12

- Priority changed from New to Priority14

check whether the delete methods already use only uuids.

before performing the delete check for the existence of the object.

#2 - 12/18/2015 12:23 PM - Andreas Müller

- Target version deleted (Release 3.12)

#3 - 02/29/2016 01:46 PM - Katja Luther

- Status changed from New to Resolved

- Assignee changed from k.luther - to Andreas Müller

delete methods use uuids and before performing the delete it is checked whether the object exists in the db. (r27391)

the messaging for the delete result are already improved.

#4 - 03/31/2016 01:47 PM - Andreas Müller

- Assignee changed from Andreas Müller to k.luther -

This ticket can be closed.

However, I do not understand why the message says please close the navigator and reopen. Why do we have a refresh method for the navigator but it never seems to work. Maybe we need a new ticket to again discuss/implement refresh on taxon navigator correctly. Can you please create one?

**#5 - 03/31/2016 02:26 PM - Katja Luther**

- *Status changed from Resolved to Closed*
- *Resolution set to fixed*
- *% Done set to 100*

new ticket for refresh of navigator [#5670](#)

**#6 - 10/10/2019 05:43 PM - Andreas Kohlbecker**

- *Description updated*
- *Private changed from Yes to No*

**#7 - 10/10/2019 05:43 PM - Andreas Kohlbecker**

- *Copied to bug #5670: Refresh of Taxon Navigator added*