

EDIT - bug #9590

ObjectDeletedException when swap synonym and accepted taxon

04/27/2021 09:17 AM - Katja Luther

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Katja Luther	% Done:	50%
Category:	cdmlib	Estimated time:	0:00 hour
Target version:	Release 5.23	Found in Version:	
Severity:	normal		
Description			
mail Nadja Korotkova:			
das passierte eben beim Vertauschen von Synonym und accepted			
Viele Grüße Nadja			
last remote method : http://api.cybertaxonomy.org:80/caryophyllales_spp/remoting/taxon.service last remote request client time : 2021-04-23T13:30:57.822 last remote request response header time : Fri, 23 Apr 2021 13:30:57 GMT client error time : 2021-04-23T13:31:09.953 login : n.korotkova editor version : 5.22.0 server : api.cybertaxonomy.org (cybertaxonomy.org) / caryophyllales_spp schema version : 5.22.0.0.20210315 os : Mac OS X 10.16 x86_64 java : 1.8.0_121 org.eclipse.swt.SWTException: Failed to execute runnable (org.hibernate.ObjectDeletedException: deleted object would be re-saved by cascade (remove deleted object from associations): [eu.etaxonomy.cdm.model.taxon.SecundumSource#192788]) at org.eclipse.swt.SWT.error (SWT.java:4533) at org.eclipse.swt.SWT.error (SWT.java:4448) at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:185) at org.eclipse.swt.widgets.Display.runAsyncMessages (Display.java:4032) at org.eclipse.swt.widgets.Display.readAndDispatch (Display.java:3708) at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine\$4.run (PartRenderingEngine.java:1121) at org.eclipse.core.databinding.observable.Realm.runWithDefault (Realm.java:336) at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine.run (PartRenderingEngine.java:1022) at org.eclipse.e4.ui.internal.workbench.E4Workbench.createAndRunUI (E4Workbench.java:150) at org.eclipse.ui.internal.Workbench\$5.run (Workbench.java:693) at org.eclipse.core.databinding.observable.Realm.runWithDefault (Realm.java:336) at org.eclipse.ui.internal.Workbench.createAndRunWorkbench (Workbench.java:610) at org.eclipse.ui.PlatformUI.createAndRunWorkbench (PlatformUI.java:148) at eu.etaxonomy.taxeditor.Application.start (Application.java:20) at org.eclipse.equinox.internal.app.EclipseAppHandle.run (EclipseAppHandle.java:196) at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication (EclipseAppLauncher.java:134) at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start (EclipseAppLauncher.java:104) at org.eclipse.core.runtime.adaptor.EclipseStarter.run (EclipseStarter.java:388) at org.eclipse.core.runtime.adaptor.EclipseStarter.run (EclipseStarter.java:243) 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.eclipse.equinox.launcher.Main.invokeFramework (Main.java:673)			

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    at org.eclipse.equinox.launcher.Main.basicRun(Main.java:610)
    at org.eclipse.equinox.launcher.Main.run(Main.java:1519)
Caused by: org.hibernate.ObjectDeletedException: deleted object would be re-saved by cascade (remove deleted object from associations): [eu.etaxonomy.cdm.model.taxon.SecundumSource#192788]
    at org.hibernate.internal.SessionImpl.forceFlush(SessionImpl.java:1314)
    at org.hibernate.event.internal.DefaultSaveOrUpdateEventListener.entityIsTransient(DefaultSaveOrUpdateEventListener.java:170)
    at org.hibernate.event.internal.DefaultSaveOrUpdateEventListener.performSaveOrUpdate(DefaultSaveOrUpdateEventListener.java:97)
    at org.hibernate.event.internal.DefaultSaveOrUpdateEventListener.onSaveOrUpdate(DefaultSaveOrUpdateEventListener.java:73)
    at org.hibernate.internal.SessionImpl.fireSaveOrUpdate(SessionImpl.java:651)
    at org.hibernate.internal.SessionImpl.saveOrUpdate(SessionImpl.java:643)
    at org.hibernate.engine.spi.CascadingActions$5.cascade(CascadingActions.java:218)
    at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:423)
    at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:348)
    at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:187)
    at org.hibernate.engine.internal.Cascade.cascade(Cascade.java:136)
    at org.hibernate.event.internal.AbstractFlushingEventListener.cascadeOnFlush(AbstractFlushingEventListener.java:150)
    at org.hibernate.event.internal.AbstractFlushingEventListener.prepareEntityFlushes(AbstractFlushingEventListener.java:141)
    at org.hibernate.event.internal.AbstractFlushingEventListener.flushEverythingToExecutions(AbstractFlushingEventListener.java:74)
    at org.hibernate.event.internal.DefaultAutoFlushEventListener.onAutoFlush(DefaultAutoFlushEventListener.java:44)
    at org.hibernate.internal.SessionImpl.autoFlushIfRequired(SessionImpl.java:1264)
    at org.hibernate.internal.SessionImpl.list(SessionImpl.java:1780)
    at org.hibernate.internal.CriteriaImpl.list(CriteriaImpl.java:363)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmEntityDaoBase.findById(CdmEntityDaoBase.java:426)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmEntityDaoBase.findById(CdmEntityDaoBase.java:413)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.findById(VersionableDaoBase.java:67)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.findById(VersionableDaoBase.java:36)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmEntityDaoBase.load(CdmEntityDaoBase.java:758)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.load(VersionableDaoBase.java:93)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.load(VersionableDaoBase.java:36)
    at eu.etaxonomy.cdm.api.service.ServiceBase.load(ServiceBase.java:190)
    at eu.etaxonomy.cdm.api.service.TaxonServiceImpl.isDeletable(TaxonServiceImpl.java:3033)
    at eu.etaxonomy.cdm.api.service.TaxonServiceImpl.deleteSynonym(TaxonServiceImpl.java:1250)
    at eu.etaxonomy.cdm.api.service.TaxonServiceImpl.swapSynonymAndAcceptedTaxon(TaxonServiceImpl.java:325)
    at eu.etaxonomy.cdm.api.service.TaxonServiceImpl.swapSynonymAndAcceptedTaxon(TaxonServiceImpl.java:3392)
    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:333)
    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$1.proceedWithInvocation(TransactionInterceptor.java:99)
    at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:283)
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        at org.springframework.transaction.interceptor.TransactionInterceptor.invoke (TransactionInterceptor.java:96)
        at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:179)
        at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:213)
            at com.sun.proxy.$Proxy752.swapSynonymAndAcceptedTaxon (Unknown Source)
            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:333)
            at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint (ReflectiveMethodInvocation.java:190)
            at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:157)
            at org.springframework.remoting.support.RemoteInvocationTraceInterceptor.invoke (RemoteInvocationTraceInterceptor.java:78)
            at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:179)
            at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:213)
            at com.sun.proxy.$Proxy1191.swapSynonymAndAcceptedTaxon (Unknown Source)
            at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
            at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
            at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
        at java.lang.reflect.Method.invoke (Method.java:498)
        at org.springframework.remoting.support.RemoteInvocation.invoke (RemoteInvocation.java:212)
            at eu.etaxonomy.cdm.api.remoting.DebuggingRemoteInvocationExecutor.invoke (DebuggingRemoteInvocationExecutor.java:52)
            at org.springframework.remoting.support.RemoteInvocationBasedExporter.invoke (RemoteInvocationBasedExporter.java:78)
            at org.springframework.remoting.support.RemoteInvocationBasedExporter.invokeAndCreateResult (RemoteInvocationBasedExporter.java:114)
            at org.springframework.remoting.httpinvoker.HttpInvokerServiceExporter.handleRequest (HttpInvokerServiceExporter.java:80)
            at org.springframework.web.servlet.mvc.HttpRequestHandlerAdapter.handle (HttpRequestHandlerAdapter.java:51)
            at org.springframework.web.servlet.DispatcherServlet.doDispatch (DispatcherServlet.java:967)
            at org.springframework.web.servlet.DispatcherServlet.doService (DispatcherServlet.java:901)
            at org.springframework.web.servlet.FrameworkServlet.processRequest (FrameworkServlet.java:970)
            at org.springframework.web.servlet.FrameworkServlet.doPost (FrameworkServlet.java:872)
            at javax.servlet.http.HttpServlet.service (HttpServlet.java:707)
            at org.springframework.web.servlet.FrameworkServlet.service (FrameworkServlet.java:846)
            at javax.servlet.http.HttpServlet.service (HttpServlet.java:790)
            at org.eclipse.jetty.servlet.ServletHolder$NotAsyncServlet.service (ServletHolder.java:1395)
            at org.eclipse.jetty.servlet.ServletHolder.handle (ServletHolder.java:755)
            at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1617)
            at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:317)
            at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke (FilterSecurityInterceptor.java:127)
            at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter (FilterSecurityInterceptor.java:91)
            at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331)

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at org.springframework.security.web.access.ExceptionTranslationFilter.doFilter(Exc
eptionTranslationFilter.java:114)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.session.SessionManagementFilter.doFilter(Sessi
onManagementFilter.java:137)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFi
lter.doFilter(SecurityContextHolderAwareRequestFilter.java:170)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(
RequestCacheAwareFilter.java:63)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.d
oFilterInternal(BasicAuthenticationFilter.java:215)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilt
er.java:107)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter(Lo
goutFilter.java:116)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal(Hea
derWriterFilter.java:66)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilt
er.java:107)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFil
ter(SecurityContextPersistenceFilter.java:105)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrati
onFilter.doFilterInternal(WebAsyncManagerIntegrationFilter.java:56)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilt
er.java:107)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(F
ilterChainProxy.java:331)
at org.springframework.security.web.FilterChainProxy.doFilterInternal(FilterChainP
roxy.java:214)
at org.springframework.security.web.FilterChainProxy.doFilter(FilterChainProxy.jav
a:177)
at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate(DelegatingF
ilterProxy.java:347)
at org.springframework.web.filter.DelegatingFilterProxy.doFilter(DelegatingFilterP
roxy.java:263)
at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.ja
va:1604)
at eu.etaxonomy.cdm.servlet.DateHeaderFilter.doFilter(DateHeaderFilter.java:55)
at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.ja
va:1604)
at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(Charact
erEncodingFilter.java:197)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilt
er.java:107)
at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.ja
va:1596)
at org.eclipse.jetty.servlet.ServletHandler.doHandle(ServletHandler.java:545)
at org.eclipse.jetty.server.handler.ScopedHandler.handle(ScopedHandler.java:143)
at org.eclipse.jetty.security.SecurityHandler.handle(SecurityHandler.java:590)
at org.eclipse.jetty.server.handler.HandlerWrapper.handle(HandlerWrapper.java:127)
at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle(ScopedHandler.java:23
5)
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    at org.eclipse.jetty.server.session.SessionHandler.doHandle (SessionHandler.java:16
07)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:23
3)
    at org.eclipse.jetty.server.handler.ContextHandler.doHandle (ContextHandler.java:12
97)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:188
)
    at org.eclipse.jetty.servlet.ServletHandler.doScope (ServletHandler.java:485)
    at org.eclipse.jetty.server.session.SessionHandler.doScope (SessionHandler.java:157
7)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:186
)
    at org.eclipse.jetty.server.handler.ContextHandler.doScope (ContextHandler.java:121
2)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:141)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
    at eu.etaxonomy.cdm.server.logging.InstanceLogWrapper.handle (InstanceLogWrapper.ja
va:47)
    at org.eclipse.jetty.server.handler.ContextHandlerCollection.handle (ContextHandler
Collection.java:221)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
    at org.eclipse.jetty.server.Server.handle (Server.java:500)
    at org.eclipse.jetty.server.HttpChannel.lambda$handle$1 (HttpChannel.java:383)
    at org.eclipse.jetty.server.HttpChannel.dispatch (HttpChannel.java:547)
    at org.eclipse.jetty.server.HttpChannel.handle (HttpChannel.java:375)
    at org.eclipse.jetty.server.HttpConnection.onFillable (HttpConnection.java:270)
    at org.eclipse.jetty.io.AbstractConnection$ReadCallback.succeeded (AbstractConnecti
on.java:311)
    at org.eclipse.jetty.io.FillInterest.fillable (FillInterest.java:103)
    at org.eclipse.jetty.io.ChannelEndPoint$2.run (ChannelEndPoint.java:117)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.runTask (EatWhatYouKill.ja
va:336)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.doProduce (EatWhatYouKill.
java:313)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.tryProduce (EatWhatYouKill
.java:171)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.run (EatWhatYouKill.java:1
29)
    at org.eclipse.jetty.util.thread.ReservedThreadExecutor$ReservedThread.run (Reserve
dThreadExecutor.java:388)
    at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob (QueuedThreadPool.java:806
)
    at org.eclipse.jetty.util.thread.QueuedThreadPool$Runner.run (QueuedThreadPool.java
:938)
    at java.lang.Thread.run (Thread.java:748)
    at org.springframework.remoting.support.RemoteInvocationUtils.fillInClientStackTra
ceIfPossible (RemoteInvocationUtils.java:45)
    at org.springframework.remoting.support.RemoteInvocationResult.recreate (RemoteInvo
cationResult.java:149)
    at org.springframework.remoting.support.RemoteInvocationBasedAccessor.recreateRemo
teInvocationResult (RemoteInvocationBasedAccessor.java:85)
    at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (Ht
tpInvokerClientInterceptor.java:158)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (Reflective
MethodInvocation.java:179)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.
java:213)
    at com.sun.proxy.$Proxy93.swapSynonymAndAcceptedTaxon (Unknown Source)
    at eu.etaxonomy.taxeditor.editor.name.operation.SwapSynonymAndAcceptedOperation.ex
ecute (SwapSynonymAndAcceptedOperation.java:75)
    at eu.etaxonomy.taxeditor.model.AbstractUtility.lambda$3 (AbstractUtility.java:146)
    at org.eclipse.ui.internal.UILockListener.doPendingWork (UILockListener.java:162)
    at org.eclipse.ui.internal.UISynchronizer$3.run (UISynchronizer.java:154)
    at org.eclipse.swt.widgets.RunWithLock.run (RunWithLock.java:35)
    at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:182)

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Related issues:

Related to EDIT - bug #9620: Add a preference which defines whether a new uui...

New**Associated revisions**

Revision 38ef7902 - 04/27/2021 09:19 AM - Katja Luther

ref #9590: fix ObjectDeletedException in swapSynonymAndAccepted

Revision 1869f60c - 04/27/2021 01:11 PM - Katja Luther

ref #9590: fix, only swap the names swapSynonymAndAccepted

Revision d5dd8738 - 04/27/2021 01:14 PM - Katja Luther

ref #9590: add synonym with secundum reference to swap test

Revision 8d1b97de - 04/27/2021 02:47 PM - Katja Luther

ref #9590: adapt business test

Revision 58832d5a - 04/27/2021 03:06 PM - Katja Luther

ref #9590: fix test

Revision b19714a3 - 04/27/2021 03:32 PM - Katja Luther

ref #9590: fix test

Revision f9d8be39 - 05/03/2021 03:43 PM - Katja Luther

ref #9590: add swapSynonymAndAcceptedTaxonNewUuid and test

Revision 4634862e - 05/03/2021 03:43 PM - Katja Luther

ref #9590: add swapSynonymAndAcceptedTaxonNewUuid and test -continue

Revision 99186f90 - 05/03/2021 04:00 PM - Katja Luther

ref #9590: set test to ignore

Revision d4149686 - 05/04/2021 11:39 PM - Andreas Müller

ref #9590 fix swap test by fixing SecundumSource clone method and remove incorrect Cascade.Delete handling in swap method

Revision 03a6bc68 - 05/04/2021 11:47 PM - Andreas Müller

ref #9590 similiary fix clone for TaxonName/NomenclaturalSource

Revision 37c6014e - 05/11/2021 10:21 PM - Andreas Müller

ref #9590 use boolean parameter newUuidForAcceptedTaxon instead of 2 different public methods

Revision 96d47ae0 - 05/11/2021 11:31 PM - Andreas Müller

ref #9590 use boolean parameter newUuidForAcceptedTaxon instead of 2 different public methods (cont.)

Revision 84f29819 - 05/11/2021 11:34 PM - Andreas Müller

ref #9590 use boolean parameter newUuidForAcceptedTaxon instead of 2 different public methods (taxeditor)

Revision 3834bd30 - 05/12/2021 02:49 PM - Katja Luther

ref #9590: code cleanup

Revision 2031fd8d - 05/12/2021 02:49 PM - Katja Luther

ref #9590: code cleanup -continue

Revision 09d803a3 - 05/12/2021 05:00 PM - Andreas Müller

ref #9590 remove redundant nameUsedInSource handling code

Revision ab72e607 - 05/17/2021 01:35 PM - Katja Luther

History

#1 - 04/27/2021 02:54 PM - Katja Luther

- Status changed from New to Resolved
- Assignee changed from Katja Luther to Andreas Müller
- % Done changed from 0 to 50

The method is adapted so that the taxon and the synonym keep the same, only the names are swapped, this also matches the strategy that the taxon concept does not change if a synonym of the taxon is swapped with the accepted taxon.

Please review.

#2 - 05/11/2021 10:23 PM - Andreas Müller

The original problem (re-save) is fixed with d4149686.

#3 - 05/11/2021 10:24 PM - Andreas Müller

Instead of having a new method I added a new parameter (boolean newUuidForAcceptedTaxon) to the method and unified the 2 methods from the "public" perspective.

#4 - 05/11/2021 10:27 PM - Andreas Müller

- Status changed from Resolved to Feedback
- Assignee changed from Andreas Müller to Katja Luther

I do not understand why we need the lines

```
acceptedTaxon.setTitleCache(null, true);
acceptedTaxon.getTitleCache();
synonym.setTitleCache(null, true);
synonym.getTitleCache();
```

First of all setting the titleCaches to protected is definitely wrong and should be reverted.

But also in general it is not needed because setName will set the titleCache internally to null anyway (if aspectj is switched on which should be the case if compiled by maven).

#5 - 05/11/2021 10:33 PM - Andreas Müller

Also there is a looot of commented code still in the methods. Also some warning. Can you please remove those parts of the (commented) code that are not needed anymore?

#6 - 05/11/2021 10:36 PM - Andreas Müller

To me it looks like the code commented with "//Move descriptions to new taxon" is fully redundant in both methods. If this is true (please check carefully as I did check only on the surface) we should put it in 1 common method to avoid redundant code.

#7 - 05/11/2021 10:38 PM - Andreas Müller

As the 2 methods are now distinguished only by a boolean parameter we should add a ticket to define by preferences if a new uuid should be created or not. This may also be interesting for a new name usage strategy which may come in future.

#8 - 05/12/2021 02:27 PM - Katja Luther

Andreas Müller wrote:

To me it looks like the code commented with "//Move descriptions to new taxon" is fully redundant in both methods. If this is true (please check carefully as I did check only on the surface) we should put it in 1 common method to avoid redundant code.

in the first method (without new uuid) the descriptions are not moved, but the text is adapted and if wanted the name used in source is set.

#9 - 05/12/2021 02:30 PM - Katja Luther

- Related to bug #9620: Add a preference which defines whether a new uuid is wanted for swap synonym and accepted added

#10 - 05/12/2021 02:31 PM - Katja Luther

Andreas Müller wrote:

As the 2 methods are now distinguished only by a boolean parameter we should add a ticket to define by preferences if a new uuid should be created or not. This may also be interesting for a new name usage strategy which may come in future.

done -> [#9620](#)

#11 - 05/12/2021 02:51 PM - Katja Luther

Andreas Müller wrote:

Also there is a looot of commented code still in the methods. Also some warning.
Can you please remove those parts of the (commented) code that are not needed anymore?

I cleaned up the code.

#12 - 05/12/2021 02:52 PM - Katja Luther

- Assignee changed from Katja Luther to Andreas Müller

I think this ticket can be closed?

#13 - 05/12/2021 05:00 PM - Andreas Müller

- Assignee changed from Andreas Müller to Katja Luther

Katja Luther wrote:

Andreas Müller wrote:

To me it looks like the code commented with "//Move descriptions to new taxon" is fully redundant in both methods. If this is true (please check carefully as I did check only on the surface) we should put it in 1 common method to avoid redundant code.

in the first method (without new uuid) the descriptions are not moved, but the text is adapted and if wanted the name used in source is set.

but the code

```
for(TaxonDescription description : descriptions){
    String message = "Description copied from former accepted taxon: %s (Old title: %s)";
    message = String.format(message, acceptedTaxon.getTitleCache(), description.getTitleCache());
    description.setTitleCache(message, true);
    if(setNameInSource){
        for (DescriptionElementBase element: description.getElements()){
            for (DescriptionElementSource source: element.getSources()){
                if (source.getNameUsedInSource() == null){
                    source.setNameUsedInSource(taxonName);
                }
            }
        }
    }
}
```

is exactly the same except for irrelevant issues . The movement of the descriptions is done much before and therefore not really related. The above code is only about updating the nameUsedInSource which does not differ in both methods. But I agree that the comment "//Move descriptions to new taxon" is misleading for this part of the code, as it is not about moving descriptions but about nameUsedInSource setting only.

Also the warning for concurrent modification is not correct here because it is only relevant at the place were actually the descriptions are moved.

I updated the code according to what I think it could look like if not being redundant. Can you please review?

#14 - 05/12/2021 05:01 PM - Andreas Müller

Katja Luther wrote:

Andreas Müller wrote:

Also there is a looot of commented code still in the methods. Also some warning.
Can you please remove those parts of the (commented) code that are not needed anymore?

I cleaned up the code.

There is still a warning for "boolean sameHomotypicGroup". Can this line be removed?

#15 - 05/17/2021 01:29 PM - Andreas Müller

- *Target version changed from Release 5.25 to Release 5.23*

#16 - 05/17/2021 01:37 PM - Katja Luther

- *Status changed from Feedback to Closed*

Andreas Müller wrote:

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removed this line and the updated code seems to be correct.