

## EDIT - bug #5710

### Changing the database connection must reset all caches

04/13/2016 09:37 PM - Andreas Müller

<b>Status:</b>	In Progress	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Müller	<b>% Done:</b>	20%
<b>Category:</b>	taxeditor	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.46	<b>Found in Version:</b>	
<b>Severity:</b>	critical		
<b>Description</b>			
<p>In standalone the caches for static methods were reset during creation of the spring context. This does not take place anymore therefore we need to reload or empty all caches.</p> <p>This is especially the second level cache (currently called CdmServiceCacher) for terms and vocabularies and all static methods (e.g. in Rank and NomenclaturalStatusType).</p> <p>This is a critical issue as it is a regression and it may create incorrect or even invalid data.</p> <p>Probably duplicated by #5512 and #5539</p> <p>In my case it created an alternative name instead of a later homonym relationship.</p>			

#### Associated revisions

##### Revision d68c7480 - 04/21/2016 08:48 AM - Katja Luther

fix for #5710 reset the terms when changing the datasource in remoting

##### Revision fdb1753a - 06/10/2020 12:48 PM - Andreas Müller

ref #5710 run term reset on all Term classes

##### Revision 9d700cfc - 07/11/2020 10:50 AM - Andreas Müller

ref #5710 add reset to TermManager after reconnect

#### History

##### #1 - 04/14/2016 11:13 AM - Katja Luther

r27708 should fix this.

##### #2 - 04/21/2016 08:55 AM - Katja Luther

- Status changed from New to Resolved

- Assignee changed from k.luther - to Andreas Müller

reset the terms before connecting to a new datasource see r27765

##### #3 - 06/27/2016 01:00 PM - Andreas Müller

In Mexico Rubiaceae I observed that I added NamedAreaLevel und Type to existing areas but they resulted in wrong ID in the database. This very much reminded me to this ticket. I am not 100% sure if I added level and type after changing the database connection but definitely we need to test this ticket intensively before closing.

##### #4 - 06/10/2020 12:54 PM - Andreas Müller

- Description updated

- Status changed from Resolved to Feedback

- Target version changed from Release 4.0 to Release 5.18

- Private changed from Yes to No

This is not yet fixed as we watched in the past multiple times that switching between instances created serious problems as terms were referencing

wrong ids after the switch.

I did now improve the first reset() functionality (reset for static methods) to include not only the Rank and NomenclaturalStatusType class but all managed term classes.

We need to check how far this solves the problem.

However, I guess that also the term cache(s) (terms and vocabularies) need to be fully emptied/replaced. I can't see that this is already done in the code, but maybe I only look at the wrong place.

#### #5 - 06/30/2020 03:28 PM - Andreas Müller

- Status changed from Feedback to In Progress

#### #6 - 07/11/2020 10:32 AM - Andreas Müller

- Description updated

It looks like emptying the cache is done in CdmStoreConnector in this line

```
CdmStore.setInstance(applicationController, cdmSource);
```

Which calls

```
CdmApplicationState.setCdmServiceCacher(new CdmServiceCacher());
```

and calling the constructor of CdmServiceCacher calls setup() in this class which then calls

```
DefinedTermBase.setCacher(this);  
CdmTransientEntityCacher.setPermanentCacher(this);  
//TermServiceRequestExecutor.setDefaultCacher(this);  
RemoteInvocationTermCacher.setDefaultCacher(this);
```

and resets the cache in DefinedTermBase (and others) this way

#### #7 - 07/11/2020 10:52 AM - Andreas Müller

- Status changed from In Progress to Resolved

- % Done changed from 0 to 40

There is a cache also in TermManager !!!

This is currently not emptied when connecting to a new datasource.

I added TermManager.reset() with commit 9d700cfc23f6e13931

#### #8 - 07/11/2020 10:52 AM - Andreas Müller

This needs to be checked if this fully solves the problem

#### #11 - 07/14/2020 09:23 PM - Andreas Müller

- Assignee changed from Andreas Müller to Katja Luther

Can you please test the results of the latest changes and see if the problem still exists by testing with data related to different term types (not only Rank and NomenclaturalStatusType).

After testing please return back to me.

#### #12 - 08/17/2020 10:25 AM - Katja Luther

Hast Du Beispiel Datenbanken mit denen ich testen kann?

#### #13 - 08/17/2020 02:48 PM - Andreas Müller

Nicht wirklich, es sollte aber überall dort funktionieren, wo möglichst viele Terme sich in ihrer ID unterscheiden, weil später mal ein Term in einem "frühen" Vokabular hinzugefügt wurde. Wenn man das Arbeiten und editieren mit solchen sich ID-seitig unterscheidenden Termen nach einem Datasource wechsel testet, trat früher oft ein Fehler auf (z.B. ein falscher Rang wurde verwendet oder so). Ein klares Kochrezept habe ich aber noch nicht.

#### #14 - 08/18/2020 09:17 AM - Katja Luther

- Status changed from Resolved to Feedback

- Assignee changed from Katja Luther to Andreas Müller

Testing between caryophyllales\_spp, palmae and algaterra on test, after adding a new nomenclatural status in algaterra results in:

```
last remote method : http://test.e-taxonomy.eu:80/cdmserver/algaterra/remoting/taxonnnode.service
last remote request client time : 2020-08-18T09:03:37.504
last remote request response header time : Tue, 18 Aug 2020 09:03:43 GMT
client error time : 2020-08-18T09:03:37.662
login : admin
editor version : 5.17.0.202008132255
server : test.e-taxonomy.eu (edit-test) / algaterra
schema version : 5.15.2.0.20200611
os : Windows 7 6.1 amd64
java : 1.8.0_171
org.hibernate.ObjectNotFoundException: No row with the given identifier exists: [eu.etaxonomy.cdm.model.name.NomenclaturalStatusType#845]
    at org.hibernate.boot.internal.StandardEntityNotFoundDelegate.handleEntityNotFound(StandardEntityNotFoundDelegate.java:28)
    at org.hibernate.proxy.AbstractLazyInitializer.checkTargetState(AbstractLazyInitializer.java:242)
    at org.hibernate.proxy.AbstractLazyInitializer.initialize(AbstractLazyInitializer.java:159)
    at org.hibernate.proxy.AbstractLazyInitializer.getImplementation(AbstractLazyInitializer.java:266)
    at org.hibernate.proxy.pojo.javassist.JavassistLazyInitializer.invoke(JavassistLazyInitializer.java:68)
    at eu.etaxonomy.cdm.model.name.NomenclaturalStatusType_$$jvst534_5b.getPreferredRepresentation(NomenclaturalStatusType_$$jvst534_5b.java)
    at eu.etaxonomy.cdm.strategy.cache.name.TaxonNameDefaultCacheStrategy.getNomStatusTags(TaxonNameDefaultCacheStrategy.java:349)
    at eu.etaxonomy.cdm.strategy.cache.taxon.TaxonBaseDefaultCacheStrategy.getNameTags(TaxonBaseDefaultCacheStrategy.java:106)
    at eu.etaxonomy.cdm.strategy.cache.taxon.TaxonBaseDefaultCacheStrategy.getTaggedTitle(TaxonBaseDefaultCacheStrategy.java:65)
    at eu.etaxonomy.cdm.model.taxon.TaxonBase.getTaggedTitle(TaxonBase.java:231)
    at eu.etaxonomy.cdm.persistence.dao.initializer.TitleAndNameCacheAutoInitializer.initialize(TitleAndNameCacheAutoInitializer.java:84)
    at eu.etaxonomy.cdm.persistence.dao.initializer.TitleAndNameCacheAutoInitializer.initialize(TitleAndNameCacheAutoInitializer.java:32)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.autoinitializeBean(AdvancedBeanInitializer.java:382)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.bulkLoadLazyBeans(AdvancedBeanInitializer.java:473)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.bulkLoadLazies(AdvancedBeanInitializer.java:434)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.initializeNodeNoWildcard(AdvancedBeanInitializer.java:245)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.initializeNode(AdvancedBeanInitializer.java:126)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.initializeNodeRecursive(AdvancedBeanInitializer.java:106)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.initializeNodeRecursive(AdvancedBeanInitializer.java:108)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.initializeAll(AdvancedBeanInitializer.java:86)
    at eu.etaxonomy.cdm.persistence.dao.initializer.AdvancedBeanInitializer.initialize(AdvancedBeanInitializer.java:58)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmEntityDaoBase.load(CdmEntityDaoBase.java:786)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.load(VersionableDaoBase.java:113)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.load(VersionableDaoBase.java:106)
    at eu.etaxonomy.cdm.persistence.dao.hibernate.common.VersionableDaoBase.load(VersionableDaoBase.java:36)
    at eu.etaxonomy.cdm.api.service.ServiceBase.load(ServiceBase.java:208)
    at eu.etaxonomy.cdm.api.service.ServiceBase.load(ServiceBase.java:42)
    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)
```

```

at com.sun.proxy.$Proxy4181.load(Unknown Source)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:302)
at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation
.java:190)
at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:15
7)
at org.springframework.remoting.support.RemoteInvocationTraceInterceptor.invoke(RemoteInvocationTraceInter
ceptor.java:78)
at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:17
9)
at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:208)
at com.sun.proxy.$Proxy4330.load(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(DebuggingRemoteInvocationExecuto
r.java:52)
at org.springframework.remoting.support.RemoteInvocationBasedExporter.invoke(RemoteInvocationBasedExporter
.java:78)
at org.springframework.remoting.support.RemoteInvocationBasedExporter.invokeAndCreateResult(RemoteInvocati
onBasedExporter.java:114)
at org.springframework.remoting.httpinvoker.HttpInvokerServiceExporter.handleRequest(HttpInvokerServiceExp
orter.java:74)
at org.springframework.web.servlet.mvc.HttpRequestHandlerAdapter.handle(HttpRequestHandlerAdapter.java:51)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:959)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:893)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:969)
at org.springframework.web.servlet.FrameworkServlet.doPost(FrameworkServlet.java:871)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:707)
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:845)
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$VirtualFilterChain.doFilter(FilterChainProxy.java:316
)
at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke(FilterSecurityInterce
ptor.java:126)
at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter(FilterSecurityInte
rceptor.java:90)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.access.ExceptionTranslationFilter.doFilter(ExceptionTranslationFilter.
java:114)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.session.SessionManagementFilter.doFilter(SessionManagementFilter.java:
122)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(SecurityCo
ntextHolderAwareRequestFilter.java:169)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(RequestCacheAwareFilter.
java:48)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInternal(BasicAut
henticationFilter.java:213)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:107)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter(LogoutFilter.java:120)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal(HeaderWriterFilter.java:64)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:107)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330

```

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)
    at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter (SecurityContextPersistenceFilter.java:91)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:330)
)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doFilterInternal (WebAsyncManagerIntegrationFilter.java:53)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:330)
)
    at org.springframework.security.web.FilterChainProxy.doFilterInternal (FilterChainProxy.java:213)
    at org.springframework.security.web.FilterChainProxy.doFilter (FilterChainProxy.java:176)
    at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate (DelegatingFilterProxy.java:346)
    at org.springframework.web.filter.DelegatingFilterProxy.doFilter (DelegatingFilterProxy.java:262)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1604)
    at eu.etaxonomy.cdm.servlet.DateHeaderFilter.doFilter (DateHeaderFilter.java:55)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1604)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFilter.java:12
1)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1596)
    at org.eclipse.jetty.servlet.ServletHandler.doHandle (ServletHandler.java:545)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:143)
    at org.eclipse.jetty.security.SecurityHandler.handle (SecurityHandler.java:590)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:235)
    at org.eclipse.jetty.server.session.SessionHandler.doHandle (SessionHandler.java:1607)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:233)
    at org.eclipse.jetty.server.handler.ContextHandler.doHandle (ContextHandler.java:1297)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:188)
    at org.eclipse.jetty.servlet.ServletHandler.doScope (ServletHandler.java:485)
    at org.eclipse.jetty.server.session.SessionHandler.doScope (SessionHandler.java:1577)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:186)
    at org.eclipse.jetty.server.handler.ContextHandler.doScope (ContextHandler.java:1212)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:141)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
    at eu.etaxonomy.cdm.server.logging.InstanceLogWrapper.handle (InstanceLogWrapper.java:47)
    at org.eclipse.jetty.server.handler.ContextHandlerCollection.handle (ContextHandlerCollection.java:221)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
    at org.eclipse.jetty.server.Server.handle (Server.java:500)
    at org.eclipse.jetty.server.HttpChannel.lambda$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 (AbstractConnection.java:311)
    at org.eclipse.jetty.io.FillInterest.fillable (FillInterest.java:103)
    at org.eclipse.jetty.io.ChannelEndPoint$2.run (ChannelEndPoint.java:117)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.runTask (EatWhatYouKill.java:336)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.doProduce (EatWhatYouKill.java:313)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.tryProduce (EatWhatYouKill.java:171)
    at org.eclipse.jetty.util.thread.strategy.EatWhatYouKill.run (EatWhatYouKill.java:129)
    at org.eclipse.jetty.util.thread.ReservedThreadExecutor$ReservedThread.run (ReservedThreadExecutor.java:388
)
    at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob (QueuedThreadPool.java:806)
    at org.eclipse.jetty.util.thread.QueuedThreadPool$Runner.run (QueuedThreadPool.java:938)
    at java.lang.Thread.run (Thread.java:748)
    at org.springframework.remoting.support.RemoteInvocationUtils.fillInClientStackTraceIfPossible (RemoteInvocationUtils.java:45)
    at org.springframework.remoting.support.RemoteInvocationResult.recreate (RemoteInvocationResult.java:149)
    at org.springframework.remoting.support.RemoteInvocationBasedAccessor.recreateRemoteInvocationResult (RemoteInvocationBasedAccessor.java:85)
    at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (HttpInvokerClientInterceptor.java:150)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:17
9)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208)
    at com.sun.proxy.$Proxy47.load (Unknown Source)
    at eu.etaxonomy.taxeditor.editor.e4.TaxonEditorInputE4.initForTaxonNode (TaxonEditorInputE4.java:124)
    at eu.etaxonomy.taxeditor.editor.e4.TaxonEditorInputE4.<init> (TaxonEditorInputE4.java:113)
    at eu.etaxonomy.taxeditor.editor.e4.TaxonEditorInputE4.newInstance (TaxonEditorInputE4.java:262)
    at eu.etaxonomy.taxeditor.editor.EditorUtil.openTaxonNodeE4 (EditorUtil.java:194)
    at eu.etaxonomy.taxeditor.navigation.NavigationUtil.openEditor (NavigationUtil.java:70)
    at eu.etaxonomy.taxeditor.navigation.navigator.e4.TaxonNavigatorE4.lambda$0 (TaxonNavigatorE4.java:179)
    at org.eclipse.jface.viewers.StructuredViewer$1.run (StructuredViewer.java:833)
    at org.eclipse.core.runtime.SafeRunner.run (SafeRunner.java:42)

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at org.eclipse.ui.internal.JFaceUtil$1.run(JFaceUtil.java:50)
at org.eclipse.jface.util.SafeRunnable.run(SafeRunnable.java:173)
at org.eclipse.jface.viewers.StructuredViewer.fireDoubleClick(StructuredViewer.java:830)
at org.eclipse.jface.viewers.AbstractTreeViewer.handleDoubleClick(AbstractTreeViewer.java:1470)
at org.eclipse.jface.viewers.StructuredViewer$4.widgetDefaultSelected(StructuredViewer.java:1264)
at org.eclipse.jface.util.OpenStrategy.fireDefaultSelectionEvent(OpenStrategy.java:252)
at org.eclipse.jface.util.OpenStrategy.access$0(OpenStrategy.java:249)
at org.eclipse.jface.util.OpenStrategy$1.handleEvent(OpenStrategy.java:311)
at org.eclipse.swt.widgets.EventTable.sendEvent(EventTable.java:84)
at org.eclipse.swt.widgets.Display.sendEvent(Display.java:4418)
at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1079)
at org.eclipse.swt.widgets.Display.runDeferredEvents(Display.java:4236)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3824)
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(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:673)
at org.eclipse.equinox.launcher.Main.basicRun(Main.java:610)
at org.eclipse.equinox.launcher.Main.run(Main.java:1519)

```

#### #15 - 08/19/2020 12:37 PM - Andreas Müller

- Target version changed from Release 5.18 to Release 5.19
- % Done changed from 40 to 20

Thank you for testing. So it still does not work and I will move it forward to the next milestone.

#### #16 - 08/19/2020 08:46 PM - Andreas Müller

- Target version changed from Release 5.19 to Release 5.18

#### #17 - 11/09/2020 01:23 PM - Andreas Müller

- Target version changed from Release 5.18 to Release 5.19

#### #18 - 01/27/2021 04:51 PM - Andreas Müller

- Status changed from Feedback to In Progress
- Target version changed from Release 5.19 to Release 5.21

#### #19 - 03/10/2021 02:35 PM - Andreas Müller

- Target version changed from Release 5.21 to Release 5.22

#### #20 - 04/16/2021 10:16 PM - Andreas Müller

- Target version changed from Release 5.22 to Release 5.46