

## EDIT - bug #7574

### IllegalStateException: Multiple representations ... when saving ReferenceEditor with in Reference ...

07/20/2018 01:06 PM - Andreas Kohlbecker

|  |                    |                          |           |
|--|--------------------|--------------------------|-----------|
| <b>Status:</b>   | Closed             | <b>Start date:</b>       |           |
| <b>Priority:</b>   | Highest            | <b>Due date:</b>         |           |
| <b>Assignee:</b>   | Andreas Kohlbecker | <b>% Done:</b>           | 100%      |
| <b>Category:</b>   | cdm-vaadin         | <b>Estimated time:</b>   | 0:00 hour |
| <b>Target version:</b>   | Release 5.2        | <b>Found in Version:</b> |           |
| <b>Severity:</b>   | critical           |                          |           |
| <b>Description</b>   |                    |                          |           |
| IllegalStateException: Multiple representations when saving ReferenceEditor with in Reference  |                    |                          |           |
| This happens when creating a new section for a nomenclatural reference:  |                    |                          |           |
| <ol style="list-style-type: none"><li>1. TaxonNameEditor: click new Reference to create a section for the existing nomenclatural reference.</li><li>2. in the ReferencePopupEditor add new Team and add a Person to the team which already exists in the nomenclatural reference.</li><li>3. save --&gt; crash</li></ol>   |                    |                          |           |
| [eu.etaxonomy.cdm.model.agent.Person#2276] are being merged. Detached: [Rimet, F.]; Detached: [Rimet, F.]  |                    |                          |           |
| <pre>com.vaadin.server.ServerRpcManager\$RpcInvocationException: Unable to invoke method click in com.vaadin.shared.ui.button.ButtonServerRpc     at com.vaadin.server.ServerRpcManager.applyInvocation(ServerRpcManager.java:162)     at com.vaadin.server.ServerRpcManager.applyInvocation(ServerRpcManager.java:119)     at com.vaadin.server.communication.ServerRpcHandler.handleInvocation(ServerRpcHandler.java:437) )     at com.vaadin.server.communication.ServerRpcHandler.handleInvocations(ServerRpcHandler.java:402)     at com.vaadin.server.communication.ServerRpcHandler.handleRpc(ServerRpcHandler.java:273)     at com.vaadin.server.communication.UidlRequestHandler.synchronizedHandleRequest(UidlRequestHandler.java:90)     at com.vaadin.server.SynchronizedRequestHandler.handleRequest(SynchronizedRequestHandler.java:41)     at com.vaadin.server.VaadinService.handleRequest(VaadinService.java:1436)     at com.vaadin.server.VaadinServlet.service(VaadinServlet.java:380)     at javax.servlet.http.HttpServlet.service(HttpServlet.java:790)     at org.eclipse.jetty.servlet.ServletHolder.handle(ServletHolder.java:841)     at org.eclipse.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1634)     at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:316)     at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke(FilterSecurityInterceptor.java:126)     at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter(FilterSecurityInterceptor.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.authentication.AnonymousAuthenticationFilter.doFilter(AnonymousAuthenticationFilter.java:111)     at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy.java:330)     at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(SecurityContextHolderAwareRequestFilter.java:169)     at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter(FilterChainProxy</pre> |                    |                          |           |

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oxy.java:330)
    at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter (RequestCache
AwareFilter.java:48)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInter
nal (BasicAuthenticationFilter.java:158)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.oauth2.provider.authentication.OAuth2AuthenticationProcessingF
ilter.doFilter (OAuth2AuthenticationProcessingFilter.java:176)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter (LogoutFilter.j
ava:120)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal (HeaderWriterFil
ter.java:64)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter (Security
ContextPersistenceFilter.java:91)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doF
ilterInternal (WebAsyncManagerIntegrationFilter.java:53)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.FilterChainProxy.doFilterInternal (FilterChainProxy.java:21
3)
    at org.springframework.security.web.FilterChainProxy.doFilter (FilterChainProxy.java:176)
    at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate (DelegatingFilterProxy.j
ava:346)
    at org.springframework.web.filter.DelegatingFilterProxy.doFilter (DelegatingFilterProxy.java:26
2)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1621)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFi
lter.java:121)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1613)
    at org.eclipse.jetty.servlet.ServletHandler.doHandle (ServletHandler.java:541)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:143)
    at org.eclipse.jetty.security.SecurityHandler.handle (SecurityHandler.java:548)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:132)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:190)
    at org.eclipse.jetty.server.session.SessionHandler.doHandle (SessionHandler.java:1584)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:188)
    at org.eclipse.jetty.server.handler.ContextHandler.doHandle (ContextHandler.java:1228)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:168)
    at org.eclipse.jetty.servlet.ServletHandler.doScope (ServletHandler.java:481)
    at org.eclipse.jetty.server.session.SessionHandler.doScope (SessionHandler.java:1553)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:166)
    at org.eclipse.jetty.server.handler.ContextHandler.doScope (ContextHandler.java:1130)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:141)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:132)
    at org.eclipse.jetty.server.Server.handle (Server.java:564)
    at org.eclipse.jetty.server.HttpChannel.handle (HttpChannel.java:320)
    at org.eclipse.jetty.server.HttpConnection.onFillable (HttpConnection.java:251)
    at org.eclipse.jetty.io.AbstractConnection$ReadCallback.succeeded (AbstractConnection.java:279)
    at org.eclipse.jetty.io.FillInterest.fillable (FillInterest.java:112)
    at org.eclipse.jetty.io.ChannelEndPoint$2.run (ChannelEndPoint.java:124)
    at org.eclipse.jetty.util.thread.Invocable.invokePreferred (Invocable.java:122)
    at org.eclipse.jetty.util.thread.strategy.ExecutingExecutionStrategy.invoke (ExecutingExecution
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Strategy.java:58)
    at org.eclipse.jetty.util.thread.strategy.ExecuteProduceConsume.produceConsume(ExecuteProduceC
onsume.java:201)
    at org.eclipse.jetty.util.thread.strategy.ExecuteProduceConsume.run(ExecuteProduceConsume.java
:133)
    at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob(QueuedThreadPool.java:672)
    at org.eclipse.jetty.util.thread.QueuedThreadPool$2.run(QueuedThreadPool.java:590)
    at java.lang.Thread.run(Thread.java:748)
Caused by: java.lang.reflect.InvocationTargetException
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at com.vaadin.server.ServerRpcManager.applyInvocation(ServerRpcManager.java:158)
    ... 76 more
Caused by: com.vaadin.event.ListenerMethod$MethodException: Invocation of method buttonClick in eu
.etaxonomy.vaadin.mvp.AbstractPopupEditor$$Lambda$117/495981562 failed.
    at com.vaadin.event.ListenerMethod.receiveEvent(ListenerMethod.java:533)
    at com.vaadin.event.EventRouter.fireEvent(EventRouter.java:200)
    at com.vaadin.event.EventRouter.fireEvent(EventRouter.java:163)
    at com.vaadin.server.AbstractClientConnector.fireEvent(AbstractClientConnector.java:1015)
    at com.vaadin.ui.Button.fireClick(Button.java:377)
    at com.vaadin.ui.Button$1.click(Button.java:54)
    ... 81 more
Caused by: java.lang.RuntimeException: Error saving
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor.save(AbstractPopupEditor.java:408)
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor.lambda$0(AbstractPopupEditor.java:163)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at com.vaadin.event.ListenerMethod.receiveEvent(ListenerMethod.java:510)
    ... 86 more
Caused by: com.vaadin.data.fieldgroup.FieldGroup$CommitException: Commit failed
    at com.vaadin.data.fieldgroup.FieldGroup.commit(FieldGroup.java:509)
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor.save(AbstractPopupEditor.java:395)
    ... 92 more
Caused by: com.vaadin.data.fieldgroup.FieldGroup$CommitException: Failed to store data to backend
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor$SaveHandler.postCommit(AbstractPopupEditor.java
:363)
    at com.vaadin.data.fieldgroup.FieldGroup.firePostCommitEvent(FieldGroup.java:625)
    at com.vaadin.data.fieldgroup.FieldGroup.commit(FieldGroup.java:501)
    ... 93 more
Caused by: java.lang.IllegalStateException: Multiple representations of the same entity [eu.etaxon
omy.cdm.model.agent.Person#2276] are being merged. Detached: [Rimet, F.]; Detached: [Rimet, F.]
    at org.hibernate.event.internal.EntityCopyNotAllowedObserver.entityCopyDetected(EntityCopyNotA
llowedObserver.java:37)
    at org.hibernate.event.internal.MergeContext.put(MergeContext.java:245)
    at org.hibernate.event.internal.DefaultMergeEventListener.entityIsDetached(DefaultMergeEventLi
stener.java:304)
    at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.ja
va:170)
    at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:850)
    at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:832)
    at org.hibernate.engine.spi.CascadingActions$6.cascade(CascadingActions.java:260)
    at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:398)
    at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:323)
    at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:162)
    at org.hibernate.engine.internal.Cascade.cascadeCollectionElements(Cascade.java:431)
    at org.hibernate.engine.internal.Cascade.cascadeCollection(Cascade.java:363)
    at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:326)
    at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:162)
    at org.hibernate.engine.internal.Cascade.cascade(Cascade.java:111)
    at org.hibernate.event.internal.DefaultMergeEventListener.cascadeOnMerge(DefaultMergeEventLi
stener.java:468)
    at org.hibernate.event.internal.DefaultMergeEventListener.entityIsDetached(DefaultMergeEventLi
stener.java:327)

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    at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:170)
    at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:850)
    at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:832)
    at org.hibernate.engine.spi.CascadingActions$6.cascade(CascadingActions.java:260)
    at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:398)
    at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:323)
    at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:162)
    at org.hibernate.engine.internal.Cascade.cascade(Cascade.java:111)
    at org.hibernate.event.internal.DefaultMergeEventListener.cascadeOnMerge(DefaultMergeEventListener.java:468)
    at org.hibernate.event.internal.DefaultMergeEventListener.entityIsDetached(DefaultMergeEventListener.java:327)
    at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:170)
    at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:850)
    at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:832)
    at org.hibernate.engine.spi.CascadingActions$6.cascade(CascadingActions.java:260)
    at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:398)
    at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:323)
    at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:162)
    at org.hibernate.engine.internal.Cascade.cascade(Cascade.java:111)
    at org.hibernate.event.internal.AbstractSaveEventListener.cascadeBeforeSave(AbstractSaveEventListener.java:425)
    at org.hibernate.event.internal.DefaultMergeEventListener.entityIsTransient(DefaultMergeEventListener.java:232)
    at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:173)
    at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:69)
    at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:840)
    at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:822)
    at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:827)
    at eu.etaxonomy.cdm.service.CdmStore.mergedBean(CdmStore.java:151)
    at eu.etaxonomy.cdm.service.CdmStore.saveBean(CdmStore.java:208)
    at eu.etaxonomy.vaadin.mvp.CdmEditorPresenterBase.onEditorSaveEvent(CdmEditorPresenterBase.java:208)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at org.vaadin.spring.events.internal.MethodListenerWrapper.publish(MethodListenerWrapper.java:78)
    at org.vaadin.spring.events.internal.ListenerCollection.publish(ListenerCollection.java:167)
    at org.vaadin.spring.events.internal.ScopedEventBus.publish(ScopedEventBus.java:116)
    at org.vaadin.spring.events.internal.ScopedEventBus.publish(ScopedEventBus.java:109)
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor$SaveHandler.postCommit(AbstractPopupEditor.java:355)
    ... 95 more

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#### Related issues:

Has duplicate EDIT - bug #7558: IllegalStateException: Multiple representatio...

[Duplicate](#)

#### Associated revisions

##### Revision 1641827e - 07/20/2018 05:07 PM - Andreas Kohlbecker

fix #7574 adding the ToOneRelatedEntityReloader to the TeamOrPerson and Person field directly

#### History

##### #1 - 07/20/2018 01:06 PM - Andreas Kohlbecker

- Description updated

##### #2 - 07/20/2018 01:14 PM - Andreas Kohlbecker

- Description updated

**#3 - 07/20/2018 01:22 PM - Andreas Kohlbecker**

- Subject changed from *IllegalStateException: Multiple representations ... when saving ReferenceEditor with in Reference ...* to *IllegalStateException: Multiple representations ... when saving ReferenceEditor with in Reference ...*

**#4 - 07/20/2018 05:07 PM - Andreas Kohlbecker**

- Status changed from *New* to *Resolved*

- % Done changed from *0* to *50*

Applied in changeset [cdm-vaadin|1641827e91d78dc483e225d1265e88d317e5d981](#).

**#5 - 07/20/2018 05:27 PM - Andreas Kohlbecker**

- Has duplicate bug #7558: *IllegalStateException: Multiple representations ... when saving first typeDesignation for nameless Registration added*

**#6 - 07/20/2018 05:34 PM - Andreas Kohlbecker**

- Assignee changed from *Andreas Kohlbecker* to *Wolf-Henning Kusber*

I hope and think that this issue is finally fixed now.

please review.

**#7 - 08/03/2018 01:53 PM - Andreas Kohlbecker**

- Status changed from *Resolved* to *Closed*

- Assignee changed from *Wolf-Henning Kusber* to *Andreas Kohlbecker*

- % Done changed from *50* to *100*

WORKS!