

## EDIT - bug #6178

### TOE Exception when creating a new Reference

11/02/2016 11:48 PM - Andreas Müller

<b>Status:</b>	Duplicate	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Katja Luther	<b>% Done:</b>	0%
<b>Category:</b>	taxeditor	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>		<b>Found in Version:</b>	
<b>Severity:</b>	blocker		
<b>Description</b>			
<p>I tried to add a new nomencl. reference via "Create a new Reference in Reference selection dialog. This caused the following exception. To me it looks like following 2 lines are the critical ones:</p>			
<pre>at com.sun.proxy.\$Proxy11.getReferencingObjectsCount (Unknown Source) at eu.etaxonomy.taxeditor.ui.section.reference.ReferenceDetailElement.setWarnForReferencingObjects (ReferenceDetailElement.java:611)</pre>			
<p>This is probably a regression introduced with checking on related objects within dialogs. This should not take place for new objects at all, as they can not be related per se.</p>			
<pre>login : admin editor version : 4.4.0.201611012350 server : test.e-taxonomy.eu / edit-test schema version : 4.0.0.0.201604200000 os : Windows Server 2012 6.2 amd64 java : 1.7.0_65 java.lang.RuntimeException: org.hibernate.TransientObjectException: object references an unsaved t ransient instance - save the transient instance before flushing: eu.etaxonomy.cdm.model.reference. Reference     at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmGenericDaoImpl.getReferencingObjects (C dmGenericDaoImpl.java:195)     at eu.etaxonomy.cdm.api.service.CommonServiceImpl.getReferencingObjectsCount (CommonServiceImpl .java:109)     at sun.reflect.GeneratedMethodAccessor1892.invoke (Unknown Source)     at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)     at java.lang.reflect.Method.invoke (Method.java:497)     at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection (AopUtils.java:302)     at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint (ReflectiveMeth odInvocation.java:190)     at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvoca tion.java:157)     at org.springframework.transaction.interceptor.TransactionInterceptor.invoke (TransactionInterce ptor.java:110)     at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvoca tion.java:179)     at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208)     at com.sun.proxy.\$Proxy554.getReferencingObjectsCount (Unknown Source)     at sun.reflect.GeneratedMethodAccessor1892.invoke (Unknown Source)     at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)     at java.lang.reflect.Method.invoke (Method.java:497)     at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection (AopUtils.java:302)     at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint (ReflectiveMeth odInvocation.java:190)     at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvoca tion.java:157)     at org.springframework.remoting.support.RemoteInvocationTraceInterceptor.invoke (RemoteInvocati onTraceInterceptor.java:78)     at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvoca tion.java:179)     at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208)     at com.sun.proxy.\$Proxy848.getReferencingObjectsCount (Unknown Source)</pre>			

```
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:497)
at org.springframework.remoting.support.RemoteInvocation.invoke(RemoteInvocation.java:212)
at org.springframework.remoting.support.DefaultRemoteInvocationExecutor.invoke(DefaultRemoteInvocationExecutor.java:39)
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: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.handle(ServletHolder.java:808)
at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1669)
at org.springframework.security.web.FilterChainProxy$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$VirtualFilterChain.doFilter(FilterChainProxy.java:330)
at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(SecurityContextHolderAwareRequestFilter.java:169)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330)
at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(RequestCacheAwareFilter.java:48)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330)
at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInternal(BasicAuthenticationFilter.java:213)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:107)
at org.springframework.security.web.FilterChainProxy$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)
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.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:1652)
    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:1652)
    at org.eclipse.jetty.servlet.ServletHandler.doHandle (ServletHandler.java:585)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:143)
    at org.eclipse.jetty.security.SecurityHandler.handle (SecurityHandler.java:577)
    at org.eclipse.jetty.server.session.SessionHandler.doHandle (SessionHandler.java:223)
    at org.eclipse.jetty.server.handler.ContextHandler.doHandle (ContextHandler.java:1127)
    at org.eclipse.jetty.servlet.ServletHandler.doScope (ServletHandler.java:515)
    at org.eclipse.jetty.server.session.SessionHandler.doScope (SessionHandler.java:185)
    at org.eclipse.jetty.server.handler.ContextHandler.doScope (ContextHandler.java:1061)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:141)
    at org.eclipse.jetty.server.handler.ContextHandlerCollection.handle (ContextHandlerCollection.j
ava:215)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:97)
    at org.eclipse.jetty.server.Server.handle (Server.java:497)
    at org.eclipse.jetty.server.HttpChannel.handle (HttpChannel.java:310)
    at org.eclipse.jetty.server.HttpConnection.onFillable (HttpConnection.java:257)
    at org.eclipse.jetty.io.AbstractConnection$2.run (AbstractConnection.java:540)
    at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob (QueuedThreadPool.java:635)
    at org.eclipse.jetty.util.thread.QueuedThreadPool$3.run (QueuedThreadPool.java:555)
    at java.lang.Thread.run (Thread.java:745)
    at org.springframework.remoting.support.RemoteInvocationUtils.fillInClientStackTraceIfPossible
(RemoteInvocationUtils.java:45)
    at org.springframework.remoting.support.RemoteInvocationResult.recreate (RemoteInvocationResult
.java:149)
    at org.springframework.remoting.support.RemoteInvocationBasedAccessor.recreateRemoteInvocation
Result (RemoteInvocationBasedAccessor.java:85)
    at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (HttpInvokerCli
entInterceptor.java:150)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvoca
tion.java:179)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208)
    at com.sun.proxy.$Proxy11.getReferencingObjectsCount (Unknown Source)
    at eu.etaxonomy.taxeditor.ui.section.reference.ReferenceDetailElement.setWarnForReferencingObj
ects (ReferenceDetailElement.java:611)
    at eu.etaxonomy.taxeditor.ui.section.reference.ReferenceDetailElement.createControls (Reference
DetailElement.java:120)
    at eu.etaxonomy.taxeditor.ui.section.reference.ReferenceDetailElement.createControls (Reference
DetailElement.java:1)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.updateContent (AbstractCdmDetailE
lement.java:102)
    at eu.etaxonomy.taxeditor.ui.section.reference.ReferenceDetailElement.updateContent (ReferenceD
etailElement.java:200)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.setEntity (AbstractCdmDetailEleme
nt.java:89)
    at eu.etaxonomy.taxeditor.ui.section.reference.ReferenceWizardPage.createElement (ReferenceWiza
rdPage.java:58)
    at eu.etaxonomy.taxeditor.ui.element.AbstractCdmEntityWizardPage.createControl (AbstractCdmEnti
tyWizardPage.java:108)
    at org.eclipse.jface.wizard.Wizard.createPageControls (Wizard.java:174)
    at org.eclipse.jface.wizard.WizardDialog.createPageControls (WizardDialog.java:736)
    at org.eclipse.jface.wizard.WizardDialog.createContents (WizardDialog.java:608)
    at org.eclipse.jface.window.Window.create (Window.java:431)

```

```

at org.eclipse.jface.dialogs.Dialog.create(Dialog.java:1089)
at org.eclipse.jface.window.Window.open(Window.java:790)
at eu.etaxonomy.taxeditor.ui.dialog.selection.AbstractFilteredCdmResourceSelectionDialog$3.wid
getSelected(AbstractFilteredCdmResourceSelectionDialog.java:487)
at org.eclipse.swt.widgets.TypedListener.handleEvent(TypedListener.java:240)
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.Widget.sendEvent(Widget.java:1077)
at org.eclipse.swt.widgets.Widget.sendSelectionEvent(Widget.java:1094)
at org.eclipse.swt.widgets.Link.wmNotifyChild(Link.java:1071)
at org.eclipse.swt.widgets.Control.wmNotify(Control.java:5534)
at org.eclipse.swt.widgets.Composite.wmNotify(Composite.java:1896)
at org.eclipse.swt.widgets.Control.WM_NOTIFY(Control.java:5086)
at org.eclipse.swt.widgets.Control.windowProc(Control.java:4584)
at org.eclipse.swt.widgets.Display.windowProc(Display.java:4985)
at org.eclipse.swt.internal.win32.OS.CallWindowProcW(Native Method)
at org.eclipse.swt.internal.win32.OS.CallWindowProc(OS.java:2425)
at org.eclipse.swt.widgets.Link.callWindowProc(Link.java:172)
at org.eclipse.swt.widgets.Widget.wmLButtonUp(Widget.java:2057)
at org.eclipse.swt.widgets.Control.WM_LBUTTONDOWN(Control.java:4912)
at org.eclipse.swt.widgets.Link.WM_LBUTTONDOWN(Link.java:909)
at org.eclipse.swt.widgets.Control.windowProc(Control.java:4565)
at org.eclipse.swt.widgets.Display.windowProc(Display.java:4985)
at org.eclipse.swt.internal.win32.OS.DispatchMessageW(Native Method)
at org.eclipse.swt.internal.win32.OS.DispatchMessage(OS.java:2531)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3752)
at org.eclipse.jface.window.Window.runEventLoop(Window.java:825)
at org.eclipse.jface.window.Window.open(Window.java:801)
at eu.etaxonomy.taxeditor.ui.dialog.selection.AbstractFilteredCdmResourceSelectionDialog.getSe
lectionFromDialog(AbstractFilteredCdmResourceSelectionDialog.java:148)
at eu.etaxonomy.taxeditor.ui.dialog.selection.NomenclaturalReferenceSelectionDialog.select(Nom
enclaturalReferenceSelectionDialog.java:89)
at eu.etaxonomy.taxeditor.ui.dialog.selection.SelectionDialogFactory.getSelectionFromDialog(Se
lectionDialogFactory.java:80)
at eu.etaxonomy.taxeditor.ui.selection.EntitySelectionElement.widgetSelected(EntitySelectionEl
ement.java:223)
at org.eclipse.swt.widgets.TypedListener.handleEvent(TypedListener.java:240)
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(NativeMethodAccessorImpl.java:57)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:606)
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.hibernate.TransientObjectException: object references an unsaved transient instance
- save the transient instance before flushing: eu.etaxonomy.cdm.model.reference.Reference
at org.hibernate.engine.internal.ForeignKeys.getEntityIdentifierIfNotUnsaved(ForeignKeys.java:
279)

```

```
at org.hibernate.type.EntityType.getIdentifier(EntityType.java:455)
at org.hibernate.type.ManyToOneType.nullSafeSet(ManyToOneType.java:153)
at org.hibernate.param.NamedParameterSpecification.bind(NamedParameterSpecification.java:52)
at org.hibernate.loader.hql.QueryLoader.bindParameterValues(QueryLoader.java:627)
at org.hibernate.loader.Loader.prepareQueryStatement(Loader.java:1944)
at org.hibernate.loader.Loader.executeQueryStatement(Loader.java:1897)
at org.hibernate.loader.Loader.executeQueryStatement(Loader.java:1875)
at org.hibernate.loader.Loader.doQuery(Loader.java:919)
at org.hibernate.loader.Loader.doQueryAndInitializeNonLazyCollections(Loader.java:336)
at org.hibernate.loader.Loader.doList(Loader.java:2611)
at org.hibernate.loader.Loader.doList(Loader.java:2594)
at org.hibernate.loader.Loader.listIgnoreQueryCache(Loader.java:2423)
at org.hibernate.loader.Loader.list(Loader.java:2418)
at org.hibernate.loader.hql.QueryLoader.list(QueryLoader.java:501)
at org.hibernate.hql.internal.ast.QueryTranslatorImpl.list(QueryTranslatorImpl.java:371)
at org.hibernate.engine.query.spi.HQLQueryPlan.performList(HQLQueryPlan.java:216)
at org.hibernate.internal.SessionImpl.list(SessionImpl.java:1326)
at org.hibernate.internal.QueryImpl.list(QueryImpl.java:87)
at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmGenericDaoImpl.getCdmBasesWithItemInCollection(CdmGenericDaoImpl.java:134)
at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmGenericDaoImpl.handleReferenceHolder(CdmGenericDaoImpl.java:269)
at eu.etaxonomy.cdm.persistence.dao.hibernate.common.CdmGenericDaoImpl.getReferencingObjects(CdmGenericDaoImpl.java:190)
... 166 more
```

#### Related issues:

Related to EDIT - bug #6176: Creating a new Reference throws TOE (TransientOb...	Closed
Related to EDIT - feature request #5972: Prevent user from unwanted author an...	Closed

#### History

##### #1 - 11/02/2016 11:48 PM - Andreas Müller

- Priority changed from New to Highest
- Severity changed from normal to blocker

##### #2 - 11/02/2016 11:49 PM - Andreas Müller

- Blocks bug #6129: After creating a new Reference in selection dialog, it could not be found in the selection dialog added

##### #3 - 11/02/2016 11:50 PM - Andreas Müller

- Related to bug #6176: Creating a new Reference throws TOE (TransientObjectException) added

##### #4 - 11/02/2016 11:51 PM - Andreas Müller

This issue is very similar to [#6176](#) (but not exactly a duplicate I guess)

##### #5 - 11/03/2016 04:05 PM - Andreas Müller

- Status changed from New to Duplicate
- Target version deleted (Release 4.4)

Looks like this was fixed together with [#6178](#). As it was only a temporary regression within v4.4 snapshot I remove the target version.

##### #6 - 11/03/2016 04:06 PM - Andreas Müller

- Blocks deleted (bug #6129: After creating a new Reference in selection dialog, it could not be found in the selection dialog)

##### #7 - 11/03/2016 04:06 PM - Andreas Müller

- Related to feature request #5972: Prevent user from unwanted author and reference updates added