

EDIT - bug #8728

Specimen import via BioCASE silently fails

11/27/2019 04:15 PM - Andreas Kohlbecker

Status:	New	Start date:	
Priority:	Highest	Due date:	
Assignee:	Katja Luther	% Done:	0%
Category:	taxeditor	Estimated time:	0:00 hour
Target version:	Release 5.46	Found in Version:	
Severity:	normal		
Description			
ABCD Specimen import via BioCASE provider silently fails			
Logged in as user with GAs: Editor + TAXONNODE.[CREATE,READ,UPDATE,DELETE][Vascular plants of Greece : Bupleurum sec. P. Dimopoulos, Th. Raus, E. Bergmeier, Th. Constantinidis, G. Iatrou, S. Kokkini, A. Strid & D. Tzanoudakis, 2013]			
biocase accesspoint: http://ww3.bgbm.org/biocase/pywrapper.cgi?dsa=Herbar			
Filter parameters:			
<ul style="list-style-type: none">• Taxon Name=Bupleurum falcatum*			
select all records and import them.			
The import stops at some point with out giving any feedback, afterwards this stacktrace can be found in the log:			
<pre>!ENTRY org.eclipse.core.jobs 4 0 2019-11-27 16:08:48.259 !MESSAGE This is an unexpected error. Please contact EDIT Support (EditSupport@bgbm.org) with the error trace below (click on the 'Details' button). !STACK 0 java.lang.Exception: login : editor version : 5.11.0 server : () schema version : os : Linux 5.0.0-36-generic amd64 java : 1.8.0_131 org.springframework.transaction.UnexpectedRollbackException: Transaction rolled back because it has been marked as rollback-only at org.springframework.transaction.support.AbstractPlatformTransactionManager.commit(AbstractPlatformTransactionManager.java:724) at org.springframework.transaction.interceptor.TransactionAspectSupport.commitTransactionAfterReturning(TransactionAspectSupport.java:485) at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:291) 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.\$Proxy853.importDataFromStream(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:157)</pre>			

```
    at org.springframework.remoting.support.RemoteInvocationTraceInterceptor.invoke (RemoteInvoc
cationTraceInterceptor.java:78)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodIn
vocation.java:179)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208
)
    at com.sun.proxy.$Proxy1069.importDataFromStream (Unknown Source)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.springframework.remoting.support.RemoteInvocation.invoke (RemoteInvocation.java:212)
    at org.springframework.remoting.support.DefaultRemoteInvocationExecutor.invoke (DefaultRemo
teInvocationExecutor.java:39)
    at org.springframework.remoting.support.RemoteInvocationBasedExporter.invoke (RemoteInvocat
ionBasedExporter.java:78)
    at org.springframework.remoting.support.RemoteInvocationBasedExporter.invokeAndCreateResul
t (RemoteInvocationBasedExporter.java:114)
    at org.springframework.remoting.httpinvoker.HttpInvokerServiceExporter.handleRequest (HttpI
nvokerServiceExporter.java:74)
    at org.springframework.web.servlet.mvc.HttpRequestHandlerAdapter.handle (HttpRequestHandler
Adapter.java:51)
    at org.springframework.web.servlet.DispatcherServlet.doDispatch (DispatcherServlet.java:959
)
    at org.springframework.web.servlet.DispatcherServlet.doService (DispatcherServlet.java:893)
    at org.springframework.web.servlet.FrameworkServlet.processRequest (FrameworkServlet.java:9
69)
    at org.springframework.web.servlet.FrameworkServlet.doPost (FrameworkServlet.java:871)
    at javax.servlet.http.HttpServlet.service (HttpServlet.java:707)
    at org.springframework.web.servlet.FrameworkServlet.service (FrameworkServlet.java:845)
    at javax.servlet.http.HttpServlet.service (HttpServlet.java:790)
    at org.eclipse.jetty.servlet.ServletHolder.handle (ServletHolder.java:808)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1669)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:316)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke (Filt
erSecurityInterceptor.java:126)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter (Fi
lterSecurityInterceptor.java:90)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
    at org.springframework.security.web.access.ExceptionTranslationFilter.doFilter (ExceptionTr
anslationFilter.java:114)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
    at org.springframework.security.web.session.SessionManagementFilter.doFilter (SessionManag
ementFilter.java:122)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
    at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doF
ilter (SecurityContextHolderAwareRequestFilter.java:169)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
    at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter (RequestC
acheAwareFilter.java:48)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
    at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterI
nternal (BasicAuthenticationFilter.java:213)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:
107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
    at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter (LogoutFilt
er.java:120)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
```

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at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal (HeaderWrite
rFilter.java:64)
at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:
107)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.java:330)
at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter (Secu
rityContextPersistenceFilter.java:91)
at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterCha
inProxy.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 (FilterCha
inProxy.java:330)
at org.springframework.security.web.FilterChainProxy.doFilterInternal (FilterChainProxy.jav
a:213)
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:24)
at org.eclipse.equinox.internal.app.EclipseAppHandle.run (EclipseAppHandle.java:196)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication (EclipseAppL
auncher.java:134)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start (EclipseAppLauncher.j
ava: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)
at org.eclipse.equinox.launcher.Main.basicRun (Main.java:610)
at org.eclipse.equinox.launcher.Main.run (Main.java:1519)
at org.eclipse.equinox.launcher.Main.main (Main.java:1492)
```

History

#1 - 11/27/2019 04:24 PM - Andreas Kohlbecker

this is reproducible

once this error has occurred the taxeditor has to be restarted, otherwise further import attempts seem to be blocked

#2 - 11/27/2019 04:37 PM - Andreas Kohlbecker

- Description updated

#3 - 11/27/2019 04:42 PM - Andreas Kohlbecker

- Tags set to permission

As the import works without problems with the admin user, it seems as if this is a permission problem.

@Katja: 1. do you know the missing permission (Granted Authorities)?

@Katja: 2. The exceptions regarding the insufficient permission must not be caught completely, it is needed that this error is being propagated to the user in a human friendly form.

#4 - 11/28/2019 08:51 AM - Andreas Kohlbecker

- Priority changed from New to Highest

- Target version changed from Unassigned CDM tickets to Release 5.12

The problem in one specific case was that the user was not permitted to update a person:

```
[UPDATE] not permitted for 'kurs1' on Person[uuid:43cb913c-f051-46a7-ae3-044428375806', toString:'Person#0<43
```

```
cb913c-f051-46a7-ae3-044428375806>']
```

```
eu.etaxonomy.cdm.database.PermissionDeniedException: [UPDATE] not permitted for 'kurs1' on Person[uuid:43cb913c-f051-46a7-ae3-044428375806', toString:'Person#0<43cb913c-f051-46a7-ae3-044428375806>']
```

It seems as if this is again a problem which arises from a cache modification during the hibernate save operation.

Recently we had a very similar case, has this one been solved?

#5 - 11/28/2019 09:26 AM - Andreas Kohlbecker

Next Problem:

```
[CREATE] not permitted for 'kurs1' on TaxonNode[uuid:79c3deac-ee1d-4622-91fa-746be0894161', toString:'TaxonNode#52<79c3deac-ee1d-4622-91fa-746be0894161>']
```

```
eu.etaxonomy.cdm.database.PermissionDeniedException: [CREATE] not permitted for 'kurs1' on TaxonNode[uuid:79c3deac-ee1d-4622-91fa-746be0894161', toString:'TaxonNode#52<79c3deac-ee1d-4622-91fa-746be0894161>']
```

The import

1. two options:

- **A:** must only allow importing in a new classification, if the user has the general TaxonNode[CREATE] permission
- **B:** should grant the require TaxonNode[CRUD] permission for the root node of the new created classification

2. should only allow selecting classifications as target if the user has at least one GrantedAuthority for one TaxonNode in this classification

NOTE: copy the tasks resulting from this comment into a new ticket

#6 - 11/28/2019 09:34 AM - Andreas Müller

Andreas Kohlbecker wrote:

The problem in one specific case was that the user was not permitted to update a person:

```
[UPDATE] not permitted for 'kurs1' on Person[uuid:43cb913c-f051-46a7-ae3-044428375806', toString:'Person#0<43cb913c-f051-46a7-ae3-044428375806>']
```

```
eu.etaxonomy.cdm.database.PermissionDeniedException: [UPDATE] not permitted for 'kurs1' on Person[uuid:43cb913c-f051-46a7-ae3-044428375806', toString:'Person#0<43cb913c-f051-46a7-ae3-044428375806>']
```

It seems as if this is again a problem which arises from a cache modification during the hibernate save operation.

Recently we had a very similar case, has this one been solved?

The recent problem was a not up-to-date titleCache in E+M after a manual deduplication of persons which lead to not up-to-date titleCaches in the according teams. This has been "solved" by running the titleCache updater.

#7 - 01/16/2020 12:59 PM - Katja Luther

- Target version changed from Release 5.12 to Release 5.13

#8 - 03/09/2020 04:24 PM - Andreas Müller

- Target version changed from Release 5.13 to Release 5.14

#9 - 03/31/2020 11:13 AM - Katja Luther

- Target version changed from Release 5.14 to Release 5.15

#10 - 04/22/2020 10:11 AM - Katja Luther

- Target version changed from Release 5.15 to Release 5.18

#11 - 12/04/2020 09:10 AM - Katja Luther

- Target version changed from Release 5.18 to Release 5.19

#12 - 01/27/2021 04:15 PM - Andreas Müller

- Target version changed from Release 5.19 to Release 5.21

#13 - 03/10/2021 02:46 PM - Andreas Müller

- Target version changed from Release 5.21 to Release 5.22

#14 - 04/19/2021 05:39 PM - Katja Luther

- Target version changed from Release 5.22 to Release 5.46