

EDIT - bug #10277

HibernateSystemException and BridgeException not in taxeditor dependencies

03/20/2023 09:42 PM - Andreas Müller

Status:	Closed	Start date:	
Priority:	Priority13	Due date:	
Assignee:	Andreas Müller	% Done:	100%
Category:	taxeditor	Estimated time:	0:00 hour
Target version:	Release 5.36	Found in Version:	
Severity:	normal		
Description			
<pre>last remote service : http://132.248.13.83:8080/cdmserver/cdm_flora_mexico/remoting/taxonnode.service last remote method : getDbSchemaVersion last remote request client time : 2023-03-20T13:34:29.568 last remote request response header time : Mon, 20 Mar 2023 19:33:48 GMT client error time : 2023-03-20T13:34:31.13 login : w.berendsohn editor version : 5.35.0 server : 132.248.13.83 (Mexico) / cdm_flora_mexico schema version : 5.35.1.0.20221218 os : Windows 10 10.0 amd64 java : 1.8.0_333 org.eclipse.e4.core.di.InjectionException: org.springframework.remoting.RemoteAccessException: Could not deserialize result from HTTP invoker remote service [http://132.248.13.83:8080/cdmserver/cdm_flora_mexico/remoting/taxonnode.service]; nested exception is java.lang.ClassNotFoundException: org.springframework.orm.hibernate5.HibernateSystemException cannot be found by eu.etaxonomy.taxeditor.cdmlib_5.35.0 at org.eclipse.e4.core.internal.di.MethodRequestor.execute(MethodRequestor.java:65) at org.eclipse.e4.core.internal.di.InjectorImpl.invokeUsingClass(InjectorImpl.java:282)) at org.eclipse.e4.core.internal.di.InjectorImpl.invoke(InjectorImpl.java:247) at org.eclipse.e4.core.contexts.ContextInjectionFactory.invoke(ContextInjectionFactory.java:90) at org.eclipse.e4.ui.internal.workbench.PartServiceSaveHandler.save(PartServiceSaveHandler.java:57) at org.eclipse.ui.internal.WorkbenchWindow\$7.save(WorkbenchWindow.java:594) at org.eclipse.e4.ui.internal.workbench.PartServiceImpl.savePart(PartServiceImpl.java:1390) at eu.etaxonomy.taxeditor.workbench.SaveHandler.execute(SaveHandler.java:42) 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.e4.core.internal.di.MethodRequestor.execute(MethodRequestor.java:55) at org.eclipse.e4.core.internal.di.InjectorImpl.invokeUsingClass(InjectorImpl.java:282)) at org.eclipse.e4.core.internal.di.InjectorImpl.invoke(InjectorImpl.java:264) at org.eclipse.e4.core.contexts.ContextInjectionFactory.invoke(ContextInjectionFactory.java:132) at org.eclipse.e4.core.commands.internal.HandlerServiceHandler.execute(HandlerServiceHandler.java:152) at org.eclipse.core.commands.Command.executeWithChecks(Command.java:494) at org.eclipse.core.commands.ParameterizedCommand.executeWithChecks(ParameterizedCommand.java:488) at org.eclipse.e4.core.commands.internal.HandlerServiceImpl.executeHandler(HandlerServiceImpl.java:210) at org.eclipse.e4.ui.workbench.renderers.swt.HandledContributionItem.executeItem(HandledContributionItem.java:433) at org.eclipse.e4.ui.workbench.renderers.swt.AbstractContributionItem.handleWidgetSelection(AbstractContributionItem.java:454) at org.eclipse.e4.ui.workbench.renderers.swt.AbstractContributionItem\$3.handleEvent(Ab</pre>			

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stractContributionItem.java:482)
    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 (PartRenderingEng
ine.java:1121)
    at org.eclipse.core.databinding.observable.Realm.runWithDefault (Realm.java:336)
    at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine.run (PartRenderingEngin
e.java:1022)
    at org.eclipse.e4.ui.internal.workbench.E4Workbench.createAndRunUI (E4Workbench.java:15
0)
    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 (Eclipse
AppLauncher.java:134)
    at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start (EclipseAppLaunch
er.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)
Caused by: org.springframework.remoting.RemoteAccessException: Could not deserialize result from H
TTP invoker remote service [http://132.248.13.83:8080/cdmserver/cdm_flora_mexico/remoting/taxonnod
e.service]; nested exception is java.lang.ClassNotFoundException: org.springframework.orm.hibernate
e5.HibernateSystemException cannot be found by eu.etaxonomy.taxeditor.cdmlib_5.35.0
    at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.convertHttpIn
vokerAccessException (HttpInvokerClientInterceptor.java:221)
    at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (HttpIn
vokerClientInterceptor.java:153)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMeth
odInvocation.java:179)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java
:213)
    at com.sun.proxy.$Proxy89.merge (Unknown Source)
    at eu.etaxonomy.taxeditor.editor.e4.TaxonEditorInput.merge (TaxonEditorInput.java:407)
    at eu.etaxonomy.taxeditor.editor.name.e4.TaxonEditor.save (TaxonEditor.java:392)
    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.e4.core.internal.di.MethodRequestor.execute (MethodRequestor.java:55)
    ... 48 more
Caused by: java.lang.ClassNotFoundException: org.springframework.orm.hibernate5.HibernateSystemExc
eption cannot be found by eu.etaxonomy.taxeditor.cdmlib_5.35.0
    at org.eclipse.osgi.internal.loader.BundleLoader.findClassInternal (BundleLoader.java:4
61)
    at org.eclipse.osgi.internal.loader.BundleLoader.findClass (BundleLoader.java:372)
    at org.eclipse.osgi.internal.loader.BundleLoader.findClass (BundleLoader.java:364)
    at org.eclipse.osgi.internal.loader.ModuleClassLoader.loadClass (ModuleClassLoader.java
:161)
    at java.lang.ClassLoader.loadClass (Unknown Source)
    at java.lang.Class.forName0 (Native Method)
    at java.lang.Class.forName (Unknown Source)
    at java.io.ObjectInputStream.resolveClass (Unknown Source)
    at org.springframework.core.ConfigurableObjectInputStream.resolveClass (ConfigurableObj
ectInputStream.java:78)

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at java.io.ObjectInputStream.readNonProxyDesc (Unknown Source)
at java.io.ObjectInputStream.readClassDesc (Unknown Source)
at java.io.ObjectInputStream.readOrdinaryObject (Unknown Source)
at java.io.ObjectInputStream.readObject0 (Unknown Source)
at java.io.ObjectInputStream.defaultReadFields (Unknown Source)
at java.io.ObjectInputStream.readSerialData (Unknown Source)
at java.io.ObjectInputStream.readOrdinaryObject (Unknown Source)
at java.io.ObjectInputStream.readObject0 (Unknown Source)
at java.io.ObjectInputStream.defaultReadFields (Unknown Source)
at java.io.ObjectInputStream.readSerialData (Unknown Source)
at java.io.ObjectInputStream.readOrdinaryObject (Unknown Source)
at java.io.ObjectInputStream.readObject0 (Unknown Source)
at java.io.ObjectInputStream.readObject (Unknown Source)
at java.io.ObjectInputStream.readObject (Unknown Source)
at org.springframework.remoting.httpinvoker.AbstractHttpInvokerRequestExecutor.doReadRemoteInvocationResult (AbstractHttpInvokerRequestExecutor.java:291)
at org.springframework.remoting.httpinvoker.AbstractHttpInvokerRequestExecutor.readRemoteInvocationResult (AbstractHttpInvokerRequestExecutor.java:242)
at org.springframework.remoting.httpinvoker.HttpComponentsHttpInvokerRequestExecutor.doExecuteRequest (HttpComponentsHttpInvokerRequestExecutor.java:248)
at org.springframework.remoting.httpinvoker.AbstractHttpInvokerRequestExecutor.executeRequest (AbstractHttpInvokerRequestExecutor.java:137)
at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.executeRequest (HttpInvokerClientInterceptor.java:202)
at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.executeRequest (HttpInvokerClientInterceptor.java:184)
at org.springframework.remoting.httpinvoker.CachingHttpInvokerProxyFactoryBean.doExecuteRequest (CachingHttpInvokerProxyFactoryBean.java:161)
at org.springframework.remoting.httpinvoker.CachingHttpInvokerProxyFactoryBean.handleGeneralRequest (CachingHttpInvokerProxyFactoryBean.java:95)
at org.springframework.remoting.httpinvoker.CachingHttpInvokerProxyFactoryBean.executeRequest (CachingHttpInvokerProxyFactoryBean.java:88)
at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (HttpInvokerClientInterceptor.java:150)
... 58 more

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Related issues:

Related to EDIT - bug #5556: Class Cast Exception in DefinedTermDaoImpl.getPa...	Closed
Copied to EDIT - task #10285: Catch hibernate search exception so hibernate s...	New

Associated revisions

Revision caf9b097 - 03/20/2023 09:49 PM - Andreas Müller

ref #10277 try to fix HibernateSystemException handling

Revision f50744da - 03/22/2023 05:03 PM - Katja Luther

add hibernate-search

Revision 766393a3 - 03/22/2023 05:13 PM - Katja Luther

ref #10277: clean up pom

Revision d59bd53a - 03/22/2023 05:30 PM - Andreas Müller

ref #10277: fix link to hibernate-search-engine file

Revision e968031c - 03/22/2023 06:10 PM - Andreas Müller

ref #10277: javadoc and gitignore

History

#1 - 03/20/2023 09:52 PM - Andreas Müller

- Status changed from *New* to *Resolved*
- Assignee changed from *Andreas Müller* to *Katja Luther*
- % Done changed from *0* to *70*

I tried to fix this by adding the spring-orm dependency. Please review.

In the long run we should try to find a way to handle this without adding the dependency. However, it is difficult to solve as it is unclear why and when this exception is thrown.

#2 - 03/21/2023 03:54 PM - Katja Luther

- Status changed from Resolved to Feedback

- Assignee changed from Katja Luther to Andreas Müller

Unfortunately I got this exception again with nightly and the flora mexico instance on test.

#3 - 03/21/2023 04:19 PM - Andreas Müller

- Assignee changed from Andreas Müller to Katja Luther

Can you send me the stacktrace and can you check locally in your IDE if the class is available. From the stacktrace can you see which plugin requires the class?

Maybe we still need to add the classes package to the export packages in Manifest MF.

Can you take over this ticket?

#4 - 03/22/2023 05:35 PM - Andreas Müller

Fixing the above dependency lead to a followup exception for another missing dependency. BridgeException in hibernate-search-engine.

#5 - 03/22/2023 05:37 PM - Andreas Müller

Generally the problem does only appear if NamedArea vocabularies are not handled correct in the CDM db. It happened after moving some countries to a user defined vocabulary for named areas with some other named areas. But still unclear why it is thrown. Maybe a hidden ClassCastException.

#6 - 03/22/2023 05:44 PM - Andreas Müller

More research shows that the exception was thrown by hibernate search and a CCE during indexing:

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org.springframework.orm.hibernate5.HibernateSystemException: Error while indexing in Hibernate Search (before
transaction completion); nested exception is org.hibernate.HibernateException: Error while indexing in Hiberna
te Search (before transaction completion)
    at org.springframework.orm.hibernate5.SessionFactoryUtils.convertHibernateAccessException(SessionFactoryUt
ils.java:296)
    at org.springframework.orm.hibernate5.HibernateTransactionManager.convertHibernateAccessException(Hibernat
eTransactionManager.java:755)
    at org.springframework.orm.hibernate5.HibernateTransactionManager.doCommit(HibernateTransactionManager.jav
a:590)
    at org.springframework.transaction.support.AbstractPlatformTransactionManager.processCommit(AbstractPlatfo
rmTransactionManager.java:765)
    at org.springframework.transaction.support.AbstractPlatformTransactionManager.commit(AbstractPlatformTrans
actionManager.java:734)
    at org.springframework.transaction.interceptor.TransactionAspectSupport.commitTransactionAfterReturning(Tr
ansactionAspectSupport.java:522)
    at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(Transactio
nAspectSupport.java:293)
    at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:9
6)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:17
9)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:213)
    at com.sun.proxy.$Proxy4987.merge(Unknown Source)
    at sun.reflect.GeneratedMethodAccessor2435.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:333)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation
.java:190)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:15
7)
    at org.springframework.remoting.support.RemoteInvocationTraceInterceptor.invoke(RemoteInvocationTraceInter
ceptor.java:78)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:17
9)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:213)
    at com.sun.proxy.$Proxy5574.merge(Unknown Source)
    at sun.reflect.GeneratedMethodAccessor2533.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
```

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    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: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$VirtualFilterChain.doFilter (FilterChainProxy.java:317
)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke (FilterSecurityInterce
ptor.java:127)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter (FilterSecurityInte
rceptor.java:91)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.access.ExceptionTranslationFilter.doFilter (ExceptionTranslationFilter.
java:114)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.session.SessionManagementFilter.doFilter (SessionManagementFilter.java:
137)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter (SecurityCo
ntextHolderAwareRequestFilter.java:170)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter (RequestCacheAwareFilter.
java:63)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInternal (BasicAut
henticationFilter.java:215)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter (LogoutFilter.java:116)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal (HeaderWriterFilter.java:66)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter (SecurityContextPersi
stenceFilter.java:105)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doFilterIntern
al (WebAsyncManagerIntegrationFilter.java:56)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:331
)
    at org.springframework.security.web.FilterChainProxy.doFilterInternal (FilterChainProxy.java:214)
    at org.springframework.security.web.FilterChainProxy.doFilter (FilterChainProxy.java:177)
    at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate (DelegatingFilterProxy.java:347)
    at org.springframework.web.filter.DelegatingFilterProxy.doFilter (DelegatingFilterProxy.java:263)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1604)
    at eu.etaxonomy.cdm.servlet.DateHeaderFilter.doFilter (DateHeaderFilter.java:56)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1604)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFilter.java:19
7)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
```

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at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1596)
at org.eclipse.jetty.servlet.ServletHandler.doHandle (ServletHandler.java:545)
at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:143)
at org.eclipse.jetty.security.SecurityHandler.handle (SecurityHandler.java:590)
at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:235)
at org.eclipse.jetty.server.session.SessionHandler.doHandle (SessionHandler.java:1607)
at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:233)
at org.eclipse.jetty.server.handler.ContextHandler.doHandle (ContextHandler.java:1297)
at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:188)
at org.eclipse.jetty.servlet.ServletHandler.doScope (ServletHandler.java:485)
at org.eclipse.jetty.server.session.SessionHandler.doScope (SessionHandler.java:1577)
at org.eclipse.jetty.server.handler.ScopedHandler.nextScope (ScopedHandler.java:186)
at org.eclipse.jetty.server.handler.ContextHandler.doScope (ContextHandler.java:1212)
at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:141)
at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
at eu.etaxonomy.cdm.server.logging.InstanceLogWrapper.handle (InstanceLogWrapper.java:48)
at org.eclipse.jetty.server.handler.ContextHandlerCollection.handle (ContextHandlerCollection.java:221)
at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:127)
at org.eclipse.jetty.server.Server.handle (Server.java:500)
at org.eclipse.jetty.server.HttpChannel.lambda$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$Runner.run (QueuedThreadPool.java:938)
at java.lang.Thread.run (Thread.java:748)
at org.springframework.remoting.support.RemoteInvocationUtils.fillInClientStackTraceIfPossible (RemoteInvoc
ationUtils.java:45)
at org.springframework.remoting.support.RemoteInvocationResult.recreate (RemoteInvocationResult.java:149)
at org.springframework.remoting.support.RemoteInvocationBasedAccessor.recreateRemoteInvocationResult (Remot
eInvocationBasedAccessor.java:85)
at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (HttpInvokerClientIntercept
or.java:158)
at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:17
9)
at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:213)
at com.sun.proxy.$Proxy93.merge (Unknown Source)
at eu.etaxonomy.taxeditor.editor.e4.TaxonEditorInput.merge (TaxonEditorInput.java:409)
at eu.etaxonomy.taxeditor.editor.name.e4.TaxonEditor.save (TaxonEditor.java:392)
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.e4.core.internal.di.MethodRequestor.execute (MethodRequestor.java:55)
at org.eclipse.e4.core.internal.di.InjectorImpl.invokeUsingClass (InjectorImpl.java:282)
at org.eclipse.e4.core.internal.di.InjectorImpl.invoke (InjectorImpl.java:247)
at org.eclipse.e4.core.contexts.ContextInjectionFactory.invoke (ContextInjectionFactory.java:90)
at org.eclipse.e4.ui.internal.workbench.PartServiceSaveHandler.save (PartServiceSaveHandler.java:57)
at org.eclipse.ui.internal.WorkbenchWindow$7.save (WorkbenchWindow.java:594)
at org.eclipse.e4.ui.internal.workbench.PartServiceImpl.savePart (PartServiceImpl.java:1390)
at eu.etaxonomy.taxeditor.workbench.SaveHandler.execute (SaveHandler.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.eclipse.e4.core.internal.di.MethodRequestor.execute (MethodRequestor.java:55)
at org.eclipse.e4.core.internal.di.InjectorImpl.invokeUsingClass (InjectorImpl.java:282)
at org.eclipse.e4.core.internal.di.InjectorImpl.invoke (InjectorImpl.java:264)
at org.eclipse.e4.core.contexts.ContextInjectionFactory.invoke (ContextInjectionFactory.java:132)
at org.eclipse.e4.core.commands.internal.HandlerServiceHandler.execute (HandlerServiceHandler.java:152)
at org.eclipse.core.commands.Command.executeWithChecks (Command.java:494)
at org.eclipse.core.commands.ParameterizedCommand.executeWithChecks (ParameterizedCommand.java:488)
at org.eclipse.e4.core.commands.internal.HandlerServiceImpl.executeHandler (HandlerServiceImpl.java:210)
at org.eclipse.e4.ui.bindings.keys.KeyBindingDispatcher.executeCommand (KeyBindingDispatcher.java:286)
at org.eclipse.e4.ui.bindings.keys.KeyBindingDispatcher.press (KeyBindingDispatcher.java:507)

```

```
at org.eclipse.e4.ui.bindings.keys.KeyBindingDispatcher.processKeyEvent(KeyBindingDispatcher.java:558)
at org.eclipse.e4.ui.bindings.keys.KeyBindingDispatcher.filterKeySequenceBindings(KeyBindingDispatcher.java:378)
at org.eclipse.e4.ui.bindings.keys.KeyBindingDispatcher.access$0(KeyBindingDispatcher.java:324)
at org.eclipse.e4.ui.bindings.keys.KeyBindingDispatcher$KeyDownFilter.handleEvent(KeyBindingDispatcher.java:86)
at org.eclipse.swt.widgets.EventTable.sendEvent(EventTable.java:84)
at org.eclipse.swt.widgets.Display.filterEvent(Display.java:1270)
at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1078)
at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1103)
at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1088)
at org.eclipse.swt.widgets.Widget.sendKeyEvent(Widget.java:1130)
at org.eclipse.swt.widgets.Text.sendKeyEvent(Text.java:1789)
at org.eclipse.swt.widgets.Widget.sendKeyEvent(Widget.java:1126)
at org.eclipse.swt.widgets.Widget.wmChar(Widget.java:1547)
at org.eclipse.swt.widgets.Control.WM_CHAR(Control.java:4918)
at org.eclipse.swt.widgets.Text.WM_CHAR(Text.java:2722)
at org.eclipse.swt.widgets.Control.windowProc(Control.java:4799)
at org.eclipse.swt.widgets.Text.windowProc(Text.java:2704)
at org.eclipse.swt.widgets.Display.windowProc(Display.java:5110)
at org.eclipse.swt.internal.win32.OS.DispatchMessageW(Native Method)
at org.eclipse.swt.internal.win32.OS.DispatchMessage(OS.java:2552)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3822)
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)
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)
```

Caused by: org.hibernate.HibernateException: Error while indexing in Hibernate Search (before transaction completion)

```
at org.hibernate.search.event.impl.EventSourceTransactionContext$DelegateToSynchronizationOnBeforeTx.doBeforeTransactionCompletion(EventSourceTransactionContext.java:173)
at org.hibernate.engine.spi.ActionQueue$BeforeTransactionCompletionProcessQueue.beforeTransactionCompletion(ActionQueue.java:954)
at org.hibernate.engine.spi.ActionQueue.beforeTransactionCompletion(ActionQueue.java:525)
at org.hibernate.internal.SessionImpl.beforeTransactionCompletion(SessionImpl.java:2381)
at org.hibernate.engine.jdbc.internal.JdbcCoordinatorImpl.beforeTransactionCompletion(JdbcCoordinatorImpl.java:448)
at org.hibernate.resource.transaction.backend.jdbc.internal.JdbcResourceLocalTransactionCoordinatorImpl.beforeCompletionCallback(JdbcResourceLocalTransactionCoordinatorImpl.java:183)
at org.hibernate.resource.transaction.backend.jdbc.internal.JdbcResourceLocalTransactionCoordinatorImpl.access$300(JdbcResourceLocalTransactionCoordinatorImpl.java:40)
at org.hibernate.resource.transaction.backend.jdbc.internal.JdbcResourceLocalTransactionCoordinatorImpl$TransactionDriverControlImpl.commit(JdbcResourceLocalTransactionCoordinatorImpl.java:281)
at org.hibernate.engine.transaction.internal.TransactionImpl.commit(TransactionImpl.java:101)
at org.springframework.orm.hibernate5.HibernateTransactionManager.doCommit(HibernateTransactionManager.java:582)
... 184 more
```

Caused by: org.hibernate.search.bridge.BridgeException: Exception while calling bridge#set

```
entity class: eu.etaxonomy.cdm.model.description.Distribution
entity property path: area
document field name: area.
field bridge: eu.etaxonomy.cdm.hibernate.search.DefinedTermBaseClassBridge@35a75614
at org.hibernate.search.bridge.util.impl.ContextualExceptionBridgeHelper.buildBridgeException(ContextualExceptionBridgeHelper.java:104)
at org.hibernate.search.bridge.util.impl.ContextualExceptionBridgeHelper$OneWayConversionContextImpl.set(ContextualExceptionBridgeHelper.java:138)
```

```
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.buildDocumentFieldForClassBridges (Document
BuilderIndexedEntity.java:901)
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.buildDocumentFields (DocumentBuilderIndexed
Entity.java:465)
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.buildDocumentFieldsForEmbeddedObjects (Docu
mentBuilderIndexedEntity.java:593)
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.buildDocumentFields (DocumentBuilderIndexed
Entity.java:482)
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.getDocument (DocumentBuilderIndexedEntity.j
ava:402)
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.createUpdateWork (DocumentBuilderIndexedEnt
ity.java:312)
    at org.hibernate.search.engine.spi.DocumentBuilderIndexedEntity.addWorkToQueue (DocumentBuilderIndexedEntit
y.java:254)
    at org.hibernate.search.engine.impl.WorkPlan$PerEntityWork.enqueueLuceneWork (WorkPlan.java:560)
    at org.hibernate.search.engine.impl.WorkPlan$PerClassWork.enqueueLuceneWork (WorkPlan.java:322)
    at org.hibernate.search.engine.impl.WorkPlan.getPlannedLuceneWork (WorkPlan.java:188)
    at org.hibernate.search.backend.impl.WorkQueue.prepareWorkPlan (WorkQueue.java:115)
    at org.hibernate.search.backend.impl.BatchedQueueingProcessor.prepareWorks (BatchedQueueingProcessor.java:5
5)
    at org.hibernate.search.backend.impl.PostTransactionWorkQueueSynchronization.beforeCompletion (PostTransacti
onWorkQueueSynchronization.java:69)
    at org.hibernate.search.event.impl.EventSourceTransactionContext$DelegateToSynchronizationOnBeforeTx.doBef
oreTransactionCompletion (EventSourceTransactionContext.java:170)
    ... 193 more
Caused by: java.lang.ClassCastException: Cannot cast eu.etaxonomy.cdm.model.location.NamedArea to eu.etaxonomy
.cdm.model.location.Country
    at java.lang.Class.cast (Class.java:3369)
    at eu.etaxonomy.cdm.hibernate.HibernateProxyHelper.deproxy (HibernateProxyHelper.java:50)
    at eu.etaxonomy.cdm.model.common.CdmBase.deproxy (CdmBase.java:339)
    at eu.etaxonomy.cdm.model.term.DefinedTermBase.getPartOf (DefinedTermBase.java:291)
    at eu.etaxonomy.cdm.model.location.NamedArea.getPartOf (NamedArea.java:281)
    at eu.etaxonomy.cdm.model.location.NamedArea.getPartOf (NamedArea.java:1)
    at eu.etaxonomy.cdm.hibernate.search.DefinedTermBaseClassBridge.set (DefinedTermBaseClassBridge.java:65)
    at org.hibernate.search.bridge.util.impl.ContextualExceptionBridgeHelper$OneWayConversionContextImpl.set (C
ontextualExceptionBridgeHelper.java:135)
    ... 207 more
```

#7 - 03/22/2023 05:54 PM - Andreas Müller

- Copied to task #10285: Catch hibernate search exception so hibernate search dependencies are not needed anymore added

#8 - 03/22/2023 05:57 PM - Andreas Müller

- Status changed from Feedback to Closed
- Assignee changed from Katja Luther to Andreas Müller
- Priority changed from New to Priority13
- % Done changed from 70 to 100

The issue is fixed by adding 2 missing libraries (in case a similar exception is thrown again), by fixing [#5556](#) (the reason why originally a CCE was thrown) and by fixing data in eFloraMex DB (remove countries from user defined vocabulary).

Open issue to handle exceptions better moved to [#10285](#)

#9 - 03/22/2023 05:57 PM - Andreas Müller

- Subject changed from *HibernateSystemException not in taxeditor dependencies* to *HibernateSystemException and BridgeException not in taxeditor dependencies*

#10 - 03/22/2023 05:58 PM - Andreas Müller

- Related to bug #5556: Class Cast Exception in DefinedTermDaoImpl.getPartOf added