

## EDIT - bug #10034

### Flat feature tree throws exception

04/06/2022 09:43 AM - Katja Luther

<b>Status:</b>	Closed	<b>Start date:</b>	05/02/2022
<b>Priority:</b>	Priority14	<b>Due date:</b>	05/06/2022
<b>Assignee:</b>	Katja Luther	<b>% Done:</b>	100%
<b>Category:</b>	taxeditor	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.32	<b>Found in Version:</b>	
<b>Severity:</b>	normal		
<b>Description</b>			
mail WB:			
für Mexico wollte ich einen neuen, sehr reduzierten feature tree erzeugen:			
Beim Speichern kommt folgender Fehler. Das lag anscheinend daran, dass ich „Flat“ ausgewählt hatte. Geht ohnehin nicht, da ich die distribution vergessen hatte. Dieser hier			
ließ sich mit oder ohne distribution speichern. HG W			

#### Associated revisions

##### Revision 428e9ed2 - 06/01/2022 09:09 AM - Katja Luther

ref #10034: check dirty nodes at the beginning of move operation.

##### Revision 46fc1532 - 06/02/2022 02:30 PM - Katja Luther

ref #10034: better handling of messages

#### History

##### #1 - 04/06/2022 05:49 PM - Andreas Müller

Error was:

```
last remote method : http://132.248.13.83:8080/cdmserver/cdm_flora_mexico/remoting/termnode.service
last remote request client time : 2022-04-05T13:45:59.044
last remote request response header time : Tue, 05 Apr 2022 19:43:34 GMT
client error time : 2022-04-05T13:45:59.478
login : w.berendsohn
editor version : 5.30.0
server : 132.248.13.83 (Mexico) / cdm_flora_mexico
schema version : 5.29.0.0.20211122
os : Windows 10 10.0 amd64
java : 1.8.0_321
java.lang.Exception: The parent node does not exist.
    at eu.etaxonomy.cdm.api.service.TermNodeServiceImpl.addChildNode(TermNodeServiceImpl.java:164)
    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:333)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodIn
vocation.java:190)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation
.java:157)
    at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation(Tran
sactionInterceptor.java:99)
    at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(Tr
ansactionAspectSupport.java:283)
```

##### #2 - 04/06/2022 05:56 PM - Andreas Müller

- Target version changed from Unassigned CDM tickets to Release 5.32

The problem does only seem to appear if you try to move a node before you save. If you try to move there comes a message saying that moving is only possible after saving. It looks like this case is not handled correctly.

Moving to current milestone as this is probably fast to fix.

**#3 - 04/27/2022 12:48 PM - Andreas Müller**

- Due date set to 05/06/2022

- Start date set to 05/02/2022

**#4 - 05/31/2022 02:43 PM - Katja Luther**

Could not reproduce this problem with the actual nightly build.

Steps I tried to reproduce the problem:

- create a new tree
- add one or more features
- set flat flag
  
- save
  
- create new tree
  
- set flat flag
  
- add one or more features
  
- save

**#5 - 06/01/2022 01:58 AM - Andreas Müller**

- Status changed from New to In Progress

Andreas Müller wrote in [#note-2](#):

The problem does only seem to appear if you try to move a node before you save. If you try to move there comes a message saying that moving is only possible after saving. It looks like this case is not handled correctly.

Did you try to move? According to "Steps I tried" you didn't.

**#6 - 06/02/2022 02:33 PM - Katja Luther**

- Status changed from In Progress to Resolved

- Assignee changed from Katja Luther to Andreas Müller

- % Done changed from 0 to 50

Now moving unsaved nodes is handled correctly. Please review.

**#7 - 06/22/2022 07:27 PM - Andreas Müller**

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Katja Luther

- Priority changed from New to Priority14

The initial issue is fixed (or workarounded) correctly.

However, the labeling of the tree still behaves strange sometimes. If you add a child the label is reverted to "empty representation". Usually after saving this is corrected. However, when playing around I also got the following exception 2x but could not repeat it in an reproducible way:

```
last remote method : https://test.e-taxonomy.eu:443/cdmserver/rem_conf_am/remoting/termnode.service
last remote request client time : 2022-06-22T19:13:56.346
last remote request response header time : Wed, 22 Jun 2022 17:13:56 GMT
client error time : 2022-06-22T19:13:56.372
```

```

login : admin
editor version : 5.32.0.202206221047
server : test.e-taxonomy.eu (edit-test) / rem_conf_am
schema version : 5.29.0.0.20211122
os : Windows Server 2012 R2 6.3 amd64
java : 1.8.0_131
java.lang.Exception: The parent node does not exist.
    at eu.etaxonomy.cdm.api.service.TermNodeServiceImpl.addChildNode (TermNodeServiceImpl.java:165)
    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: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.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation (TransactionI
nterceptor.java:99)
    at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction (Transactio
nAspectSupport.java:283)
    at org.springframework.transaction.interceptor.TransactionInterceptor.invoke (TransactionInterceptor.java:9
6)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:17
9)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:213)
    at com.sun.proxy.$Proxy914.addChildNode (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: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.$Proxy1207.addChildNode (Unknown Source)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.springframework.remoting.support.RemoteInvocation.invoke (RemoteInvocation.java:212)
    at eu.etaxonomy.cdm.api.remoting.DebuggingRemoteInvocationExecutor.invoke (DebuggingRemoteInvocationExecuto
r.java:52)
    at org.springframework.remoting.support.RemoteInvocationBasedExporter.invoke (RemoteInvocationBasedExporter
.java:78)
    at org.springframework.remoting.support.RemoteInvocationBasedExporter.invokeAndCreateResult (RemoteInvocati
onBasedExporter.java:114)
    at org.springframework.remoting.httpinvoker.HttpInvokerServiceExporter.handleRequest (HttpInvokerServiceExp
orter.java:80)
    at org.springframework.web.servlet.mvc.HttpRequestHandlerAdapter.handle (HttpRequestHandlerAdapter.java:51)
    at org.springframework.web.servlet.DispatcherServlet.doDispatch (DispatcherServlet.java:967)
    at org.springframework.web.servlet.DispatcherServlet.doService (DispatcherServlet.java:901)
    at org.springframework.web.servlet.FrameworkServlet.processRequest (FrameworkServlet.java:970)
    at org.springframework.web.servlet.FrameworkServlet.doPost (FrameworkServlet.java:872)
    at javax.servlet.http.HttpServlet.service (HttpServlet.java:707)
    at org.springframework.web.servlet.FrameworkServlet.service (FrameworkServlet.java:846)
    at javax.servlet.http.HttpServlet.service (HttpServlet.java:790)
    at org.eclipse.jetty.servlet.ServletHolder$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.doFilterInterna
l (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$CachedChain.doFilter (ServletHandler.java:1604)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFilter.java:19
7)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.eclipse.jetty.servlet.ServletHandler$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)
```

We may handle the remaining/related issues in a separate ticket with lower priority as feature tree creation is not done so often and things will change with upcoming model changes for terms.

**#8 - 06/22/2022 07:27 PM - Andreas Müller**

- % Done changed from 50 to 80

**#9 - 07/29/2022 03:26 PM - Andreas Müller**

- % Done changed from 80 to 100

Moved open issues to [#10053](#) and close this ticket.

**#10 - 07/29/2022 03:26 PM - Andreas Müller**

- Status changed from *Feedback* to *Closed*