

EDIT - bug #7896

NPE, NullPointerException in RelationshipTermBase

11/08/2018 12:50 PM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Müller	% Done:	100%
Category:	cdmlib	Estimated time:	0:00 hour
Target version:	Release 5.6	Found in Version:	
Severity:	normal		
Description			
<pre>[flora-malesiana] 2018-11-08 12:24:42,410 INFO [qtp1207140081-129] [eu.etaxonomy.cdm.remote.controller.TaxonPortalController] - doGetSynonymy() GET: /flora-malesiana/portal/taxon/09d427ff-a520-413e-b86b-e39abac29f52/synonymy 2018-11-08 12:24:42,491 WARN [qtp1207140081-129] [org.eclipse.jetty.servlet.ServletHandler] - org.springframework.web.util.NestedServletException: Request processing failed; nested exception is net.sf.json.JSONException: java.lang.NullPointerException at org.springframework.web.servlet.FrameworkServlet.processRequest (FrameworkServlet.java:981) at org.springframework.web.servlet.FrameworkServlet.doGet (FrameworkServlet.java:860) at javax.servlet.http.HttpServlet.service (HttpServlet.java:687) 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.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.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:158) 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.oauth2.provider.authentication.OAuth2AuthenticationProcessingFilter.doFilter (OAuth2AuthenticationProcessingFilter.java:176) at org.springframework.security.web.FilterChainProxy\$VirtualFilterChain.doFilter (FilterCha</pre>			

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inProxy.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$VirtualFilterChain.doFilter (FilterChainProxy.java:330)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doFilterInternal (WebAsyncManagerIntegrationFilter.java:53)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainProxy.java:330)
    at org.springframework.security.web.FilterChainProxy.doFilterInternal (FilterChainProxy.java:213)
    at org.springframework.security.web.FilterChainProxy.doFilter (FilterChainProxy.java:176)
    at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate (DelegatingFilterProxy.java:346)
    at org.springframework.web.filter.DelegatingFilterProxy.doFilter (DelegatingFilterProxy.java:262)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1652)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFilter.java:121)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.eclipse.jetty.servlet.ServletHandler$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.java: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)
Caused by: net.sf.json.JSONException: java.lang.NullPointerException
    at net.sf.json.JSONObject._fromBean (JSONObject.java:692)
    at net.sf.json.JSONObject.fromObject (JSONObject.java:172)
    at net.sf.json.AbstractJSON._processValue (AbstractJSON.java:274)
    at net.sf.json.JSONObject._processValue (JSONObject.java:2655)
    at net.sf.json.JSONObject.processValue (JSONObject.java:2721)
    at net.sf.json.JSONObject.element (JSONObject.java:1786)
    at eu.etaxonomy.cdm.remote.json.processor.bean.AbstractBeanProcessor.processBean (AbstractBeanProcessor.java:149)
    at net.sf.json.JSONObject._fromBean (JSONObject.java:676)
    at net.sf.json.JSONObject.fromObject (JSONObject.java:172)
    at net.sf.json.AbstractJSON._processValue (AbstractJSON.java:274)
    at net.sf.json.JSONArray._processValue (JSONArray.java:2513)
    at net.sf.json.JSONArray.processValue (JSONArray.java:2538)
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at net.sf.json.JSONArray.addValue(JSONArray.java:2525)
at net.sf.json.JSONArray._fromCollection(JSONArray.java:1056)
at net.sf.json.JSONArray.fromObject(JSONArray.java:123)
at net.sf.json.AbstractJSON._processValue(AbstractJSON.java:240)
at net.sf.json.JSONObject._processValue(JSONObject.java:2655)
at net.sf.json.JSONObject.processValue(JSONObject.java:2721)
at net.sf.json.JSONObject.setInternal(JSONObject.java:2736)
at net.sf.json.JSONObject.setValue(JSONObject.java:1424)
at net.sf.json.JSONObject._fromMap(JSONObject.java:1168)
at net.sf.json.JSONObject.fromObject(JSONObject.java:163)
at eu.etaxonomy.cdm.remote.view.JsonView.render(JsonView.java:128)
at eu.etaxonomy.cdm.remote.view.JsonView.render(JsonView.java:188)
at org.springframework.web.servlet.DispatcherServlet.render(DispatcherServlet.java:1243)
at org.springframework.web.servlet.DispatcherServlet.processDispatchResult(DispatcherServlet.java:1027)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:971)
)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:893)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:969)
... 61 more
Caused by: java.lang.NullPointerException
at eu.etaxonomy.cdm.model.common.RelationshipTermBase.getInverseRepresentation(RelationshipTermBase.java:154)
at eu.etaxonomy.cdm.model.common.RelationshipTermBase.getPreferredInverseRepresentation(RelationshipTermBase.java:181)
at eu.etaxonomy.cdm.remote.l10n.TermRepresentation_L10n.localize(TermRepresentation_L10n.java:54)
at eu.etaxonomy.cdm.remote.l10n.TermRepresentation_L10n.<init>(TermRepresentation_L10n.java:43)
at eu.etaxonomy.cdm.remote.json.processor.bean.TermBaseBeanProcessor.processBeanSecondStep(TermBaseBeanProcessor.java:81)
at eu.etaxonomy.cdm.remote.json.processor.bean.TermBaseBeanProcessor.processBeanSecondStep(TermBaseBeanProcessor.java:31)
at eu.etaxonomy.cdm.remote.json.processor.bean.AbstractBeanProcessor.processBean(AbstractBeanProcessor.java:167)
at net.sf.json.JSONObject._fromBean(JSONObject.java:676)
... 89 more

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Associated revisions

Revision dbb48641 - 02/23/2019 12:42 AM - Andreas Müller

fix #7896 fix NPE in RelationshipTermBase.getInverseRepresentation

Revision 5751b127 - 04/15/2019 03:52 PM - Andreas Müller

fix #7896 fix NPE in RelationshipTermBase.getInverseRepresentation

History

#1 - 01/30/2019 11:31 AM - Andreas Kohlbecker

- Target version changed from Release 5.5 to Release 5.6

#2 - 02/22/2019 05:39 PM - Andreas Kohlbecker

- Priority changed from New to Highest

- Target version changed from Release 5.6 to Reviewed Next Major Release

#3 - 02/23/2019 12:42 AM - Andreas Müller

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset [cdm|lib|dbb486417a2345628d068d0470c845b1cb3dee3a](https://gitlab.com/etaxonomy/etaxonomy/-/commit/dbb486417a2345628d068d0470c845b1cb3dee3a).

#4 - 02/23/2019 12:46 AM - Andreas Müller

- Target version changed from Reviewed Next Major Release to Release 5.6

There is not much information what data to use for reproducing error. However, I think dbb48641 should fix the problem. Though I do not understand why there can be an inverseRepresentation being null. Is this maybe related to the known hibernate bug which creates unexpected null values during merge ([#8127](#)). We should check this before closing if possible.

#5 - 04/11/2019 01:09 PM - Andreas Kohlbecker

- Target version changed from Release 5.6 to Release 5.7

#6 - 05/03/2019 10:25 AM - Andreas Müller

This belongs to 5.6 if fixed, otherwise should be set to Feedback. Please review.

#7 - 05/16/2019 02:46 PM - Andreas Kohlbecker

- Status changed from Resolved to Closed

- Assignee changed from Andreas Kohlbecker to Andreas Müller

- Target version changed from Release 5.7 to Release 5.6

- % Done changed from 50 to 100

It's fixed since <http://api.cybertaxonomy.org/flora-malesiana/portal/taxon/09d427ff-a520-413e-b86b-e39abac29f52/synonymy> no longer reports an error.