

EDIT - bug #8785

Move functionality of buttons to context menu of the character matrix

12/19/2019 11:58 AM - Andreas Müller

Status:	Resolved	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Müller	% Done:	40%
Category:	taxeditor	Estimated time:	0:00 hour
Target version:	Release 5.15	Found in Version:	
Severity:	blocker		
Description			
<p>The issue is described in #8784 but I created a new ticket as it is as deleting a specimen description (which is handled in #8784) and removing it from the dataset (but not deleting it from the specimen) are 2 different issues.</p> <p>Another issue we should handle in this ticket is to keep the changes until the user saves the character matrix. Therefore we need following adaptations:</p> <ul style="list-style-type: none">SpecimenRowWrapperDto should be a real Dto without complete cdm entities (at the moment fieldunit and specimen are real cdm entities) this is implemented nowcreate the specimenRowWrapperDto on editor side and save when the user clicks save. this is implemented as wellmove functionality of "aggregate" and "create polytomous key" to the context menu and remove the buttons			
Related issues:			
Related to EDIT - bug #8784: Deleting a specimen description not possible		Closed	
Related to EDIT - bug #8782: Delete a description included in a CdmSource sho...		Closed	
Related to EDIT - bug #8783: Massive Heap consumption in server instance open...		Closed	
Copied to EDIT - feature request #9084: Make it configurable if a Description...		Resolved	

Associated revisions

Revision bdc9ce9d - 05/07/2020 11:39 AM - Katja Luther

ref #8785: add method to remove a list of descriptions from a descriptive dataset

Revision 5982fda4 - 05/07/2020 11:44 AM - Katja Luther

ref #8785: add menu item for remove desc and remember this desc and remove while saving

Revision 1aad0d60 - 05/07/2020 01:41 PM - Katja Luther

ref #8785: deleteDescriptiveDataset as long running task

Revision 89b2d0e7 - 05/15/2020 11:40 AM - Katja Luther

ref #8785: dtos for character matrix should not contain cdm objects

Revision f2ac0034 - 05/15/2020 11:45 AM - Katja Luther

ref #8785: move add and delete specimen to menu and operations not saved directly but when editor is saved

Revision 5ba9a6c7 - 05/15/2020 01:48 PM - Katja Luther

ref #8785: minor

Revision 7f90724d - 05/19/2020 12:12 PM - Katja Luther

ref #8785: adapt descriptionDto

Revision fd711754 - 05/19/2020 12:16 PM - Katja Luther

ref #8785: update descriptions in description list after merge

Revision 3e46911a - 05/20/2020 09:35 AM - Katja Luther

ref #8785: adapt label provider to dto

Revision 45e6c867 - 06/03/2020 06:07 PM - Katja Luther

ref #8785: tabel does not need to be configured completely new for new specimen

Revision c2fb4bcf - 06/04/2020 09:29 AM - Katja Luther

ref #8785: add translation for add description

Revision 9370d21c - 06/04/2020 03:04 PM - Katja Luther

#8785: move aggregation to context menu

Revision f8c40685 - 06/05/2020 07:39 PM - Katja Luther

ref #8785: adapt aggregation wizard, add aggregation to context menu

Revision 4649a39b - 06/09/2020 10:55 AM - Katja Luther

ref #8785: move generation of polytomous key to context menu

Revision ddb074af - 06/11/2020 12:30 PM - Katja Luther

ref #8785: fix enable/disable sourcetype selection

Revision acd4e30a - 06/16/2020 04:32 PM - Andreas Müller

ref #8785 add supportsOriginalSourceType to AggregationSourceMode

Revision 2d8bc492 - 06/18/2020 08:55 AM - Katja Luther

ref #8785: smaller label issues

Revision 1d008f73 - 06/18/2020 11:46 AM - Katja Luther

ref #8785: fix sql exception by fixing nullSafeSet

Revision 607296e9 - 06/18/2020 12:18 PM - Katja Luther

ref #8785: add button to specimen sel dialog to remove filter

Revision 99fab853 - 06/18/2020 04:22 PM - Katja Luther

ref #8785: add remove filter button and title containing the selected taxa

Revision 5f54eb62 - 06/19/2020 09:56 AM - Katja Luther

ref #8785: fix specimen selection for no filter and layout issue

Revision 31bb0295 - 06/19/2020 10:37 AM - Katja Luther

ref #8785: layout issues

Revision 8f2b3bc1 - 06/19/2020 09:39 PM - Katja Luther

ref #8785: reuse compatible description when adding specimen to character matrix

Revision 1de7515f - 06/20/2020 12:44 AM - Katja Luther

ref #8785: smaller issues in character matrix - add and remove descriptions

Revision 831a079e - 06/20/2020 10:55 AM - Katja Luther

ref #8785: fix saving of newly created descriptions for descriptive dataset

Revision eeff4578 - 06/20/2020 11:00 AM - Katja Luther

ref #8785: fix saving of newly created descriptions for descriptive dataset

Revision 4aa29834 - 06/22/2020 11:45 AM - Katja Luther

ref #8785: mergeDescriptions returns updateResult

Revision d4db3c89 - 06/22/2020 11:46 AM - Katja Luther

ref #8785: adapt to changes in method signature of mergeDescriptions

History

#1 - 12/19/2019 11:58 AM - Andreas Müller

Also this one I put to current milestone for same reason as [#8784](#)

#2 - 12/19/2019 11:58 AM - Andreas Müller

- Related to bug #8784: Deleting a specimen description not possible added

#3 - 12/19/2019 12:03 PM - Andreas Müller

- Related to bug #8782: Delete a description included in a CdmSource should not be possible added

#4 - 12/19/2019 02:35 PM - Katja Luther

- Status changed from New to In Progress

this should be possible in character matrix. I have to test this.

#5 - 12/19/2019 02:40 PM - Andreas Müller

Katja Luther wrote:

 this should be possible in character matrix. I have to test this.

yes, it should be handled via context menu

#6 - 01/16/2020 01:05 PM - Katja Luther

- Target version changed from Release 5.12 to Release 5.13

#7 - 01/23/2020 01:36 PM - Katja Luther

- Status changed from In Progress to Feedback

- Assignee changed from Katja Luther to Andreas Müller

removing of a specimen description from a descriptive dataset works in character matrix by selecting the whole row of the specimen and click on the delete button.

Should we implement a menu item for deletion of a description or is a button ok?

#8 - 03/06/2020 02:11 PM - Andreas Müller

- Status changed from Feedback to New

- Assignee changed from Andreas Müller to Katja Luther

- Target version changed from Release 5.13 to Release 5.14

Katja Luther wrote:

 removing of a specimen description from a descriptive dataset works in character matrix by selecting the whole row of the specimen and click on the delete button.

 Should we implement a menu item for deletion of a description or is a button ok?

It is true it works as described above.

Yes we should implement a menu item for deletion as this is how the TaxEditor usually handles deletes (except for forms where the delete button is immediately beside the field/record which should be delete).

We may also add an "add"-item to the menu which then does the same as the "add"-button below the table.

#9 - 03/06/2020 02:12 PM - Andreas Müller

- Subject changed from Removing a specimen description from a descriptive data set not possible to Improve add+delete for specimen (descriptions) in the descriptive data matrix

#10 - 03/31/2020 11:13 AM - Katja Luther

- Target version changed from Release 5.14 to Release 5.15

#11 - 05/07/2020 11:33 AM - Katja Luther

mail to AM and NK:

Hallo ihr beiden,

ich bin gerade dabei die Character Matrix Tickets ab zu arbeiten. Ein Punkt ist, dass es einen Menüpunkt zum Entfernen von Descriptions aus dem DescriptiveDataSet geben soll. Dafür habe ich mir den Code zu dem Button angeschaut. Das Entfernen wird dort nur durchgeführt, wenn die gesamte Zeile ausgewählt ist, sonst passiert nichts.

War das so gewollt, soll ich das für das Menü auch so implementieren oder reicht es, wenn die erste Zelle der Zeile ausgewählt ist?

Viele Grüße,
Katja

Hallo Katja,

ich glaube, ich hatte das auch schon mal mit Patrick (oder dir?) diskutiert, weil mir das nicht intuitiv war. Ich würde sagen es reicht eine Zelle der Zeile.

Viele Grüße,
Andreas M

Ehrlich gesagt, würde ich die Button ja ganz löschen. Das entspricht nicht unserem üblichen Vorgehen, welches immer über Kontextmenü geht in ähnlichen Fällen wie z.B. im Bulk oder Nameeditor oder Navigator.

Das würde dann auch für die anderen Button gelten, also insbesondere den „Add“ Button. Aber ich denke wir können auch das Aggregieren und den Schlüssel darüber laufen lassen. Das wäre sogar hilfreich, wenn man nur partiell aggregieren/Schlüssel erzeugen will und nicht und für alle Taxa. Da könnte die Auswahl des höchsten Taxons dann durch das Kontextmenü erfolgen. Und dann kann man im Konfigurator, ähnlich wie bei Exporten dann noch auswählen, ob doch für das ganze Dataset aggregiert/generiert werden soll.

Norbert, siehst du das auch so, oder würdest du bei den Button bleiben?

Fände ich auch schöner, zumal ich bei den Buttons erstmal nicht so recht wusste, was da eigentlich passieren soll und im Menü sind die Namen aussagekräftiger.

Habe es dann auch gleich so umgeschrieben, dass das Entfernen nicht gleich gespeichert wird.

#12 - 05/07/2020 04:27 PM - Katja Luther

- Status changed from New to In Progress

#13 - 05/12/2020 10:44 AM - Katja Luther

- Description updated

#14 - 05/15/2020 11:46 AM - Katja Luther

- Description updated

#15 - 05/26/2020 02:39 PM - Katja Luther

- Status changed from In Progress to Resolved

- Assignee changed from Katja Luther to Andreas Müller

Now the buttons are removed and add and delete is moved to the context menu. If a taxon node is selected the specimen of the taxon and the child taxa are shown in the selection dialog. if no taxon is selected all specimen are shown in the selection dialog. clicking on the refresh button of the dialog also updates the view with all included specimens.

#16 - 05/27/2020 12:18 PM - Katja Luther

- Status changed from Resolved to In Progress

- Assignee changed from Andreas Müller to Katja Luther

#17 - 05/27/2020 10:34 PM - Katja Luther

There is still big one open issue: adding the first specimen does not work by context menu because the context menu is not shown without any rows.

#18 - 06/03/2020 06:06 PM - Katja Luther

- Status changed from *In Progress* to *Resolved*

- Assignee changed from *Katja Luther* to *Andreas Müller*

Katja Luther wrote:

There is still big one open issue: adding the first specimen does not work by context menu because the context menu is not shown without any rows.

This issue is fixed now, please review.

#19 - 06/04/2020 09:19 AM - Andreas Müller

- Status changed from *Resolved* to *Feedback*

- Assignee changed from *Andreas Müller* to *Katja Luther*

"Add description" is still missing a translation. Also I think we should call it "Add specimen description" because it only handles specimen descriptions not taxon descriptions ("literatur").

#20 - 06/04/2020 09:22 AM - Andreas Müller

An important open issue is that it is currently not possible to add a "literature"- or a "default"-description for a taxon which has not yet a specimen description attached. Especially for "literature" descriptions this is problematic as they may be alternatives for missing specimen descriptions.

#21 - 06/04/2020 09:25 AM - Andreas Müller

Also the buttons "Aggregation" and "Generate Polytomous Key" should be handled in the menu, not as separate buttons. Especially for the aggregation the taxon selection might be input (taxon node filter) for the aggregation. Later this may become a parameter for the key generation as well.

#22 - 06/04/2020 09:41 AM - Katja Luther

Andreas Müller wrote:

An important open issue is that it is currently not possible to add a "literature"- or a "default"-description for a taxon which has not yet a specimen description attached. Especially for "literature" descriptions this is problematic as they may be alternatives for missing specimen descriptions.

I think this is an extra ticket because therefore the structure of the character matrix needs to be changed, because at the moment everything is based on the specimen and only taxa with selected specimen are shown in the matrix.

#23 - 06/04/2020 09:52 AM - Katja Luther

- Subject changed from *Improve add+delete for specimen (descriptions) in the descriptive data matrix* to *Move functionality of buttons to context menu of the character matrix*

#24 - 06/04/2020 09:54 AM - Katja Luther

- Description updated

#25 - 06/04/2020 09:54 AM - Katja Luther

- Status changed from *Feedback* to *In Progress*

#26 - 06/04/2020 09:55 AM - Katja Luther

- % Done changed from 0 to 30

#27 - 06/04/2020 11:40 AM - Andreas Müller

Katja Luther wrote:

Andreas Müller wrote:

An important open issue is that it is currently not possible to add a "literature"- or a "default"-description for a taxon which has not yet a specimen description attached. Especially for "literature" descriptions this is problematic as they may be alternatives for missing specimen descriptions.

I think this is an extra ticket because therefore the structure of the character matrix needs to be changed, because at the moment everything is based on the specimen and only taxa with selected specimen are shown in the matrix.

I agree that this is new functionality and therefore we may move it to a new ticket: [#9054](#)

#28 - 06/04/2020 05:11 PM - Andreas Müller

- Description updated

#29 - 06/09/2020 10:56 AM - Katja Luther

the key generation is also moved to the context menu and the buttons are removed now. The functionality of key generation is only moved not adapted, so the taxon selection is still by taxon selection dialog.

#30 - 06/09/2020 11:12 AM - Andreas Müller

Is this ticket ready for review or are there open issues (beside the known PK-Generation issues which we should move to a new ticket)?

#31 - 06/11/2020 12:29 PM - Katja Luther

- Description updated

#32 - 06/11/2020 12:29 PM - Katja Luther

- Status changed from In Progress to Resolved

- Assignee changed from Katja Luther to Andreas Müller

Andreas Müller wrote:

Is this ticket ready for review or are there open issues (beside the known PK-Generation issues which we should move to a new ticket)?

This should be ready for review now-

#33 - 06/16/2020 03:29 PM - Andreas Müller

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Katja Luther

Generally this works.

There is 1 open issue which is a bit critical: it is only possible to a specimen for a taxon which is not yet shown in the matrix if the focus is not set to any record. But this is difficult to achieve once a record got the focus. It is possible by collapsing all records and then choose "Add specimen description". But this is something the user needs to know.

A possible solution could be to do it the same way as for the aggregations and let the search dialog have a filter for "Selected Taxon", "Selected Subtree" and "Full recordset".

Maybe there are even better solutions.

If this is difficult to implement feel free to move to 5.16 but we should implement it soon.

#34 - 06/16/2020 03:51 PM - Andreas Müller

When changing a value (1 out of 3 exact values) I got an exception during save:

```
last remote method : http://test.e-taxonomy.eu:80/cdmserver/rem_conf_am/remoting/description.service
last remote request client time : 2020-06-16T15:50:15.415
last remote request response header time : Tue, 16 Jun 2020 15:50:15 GMT
client error time : 2020-06-16T15:50:15.524
login : admin
editor version : 5.15.0.202006160814
server : test.e-taxonomy.eu (edit-test) / rem_conf_am
schema version : 5.15.2.0.20200611
os : Windows Server 2012 R2 6.3 amd64
java : 1.8.0_121
org.eclipse.e4.core.di.InjectionException: org.springframework.dao.InvalidDataAccessResourceUsageException: could not execute statement; SQL [n/a]; nested exception is org.hibernate.exception.SQLGrammarException: could not execute statement
    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:38)
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.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 (AbstractContributionItem.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 (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)
Caused by: org.springframework.dao.InvalidDataAccessResourceUsageException: could not execute statement; SQL [n/a]; nested exception is org.hibernate.exception.SQLGrammarException: could not execute statement
at org.springframework.orm.hibernate5.SessionFactoryUtils.convertHibernateAccessException (SessionFactoryUtils.java:147)
at org.springframework.orm.hibernate5.HibernateTransactionManager.convertHibernateAccessException (HibernateTransactionManager.java:741)
at org.springframework.orm.hibernate5.HibernateTransactionManager.doCommit (HibernateTransactionManager.java:589)
at org.springframework.transaction.support.AbstractPlatformTransactionManager.processCommit (AbstractPlatformTransactionManager.java:761)
at org.springframework.transaction.support.AbstractPlatformTransactionManager.commit (AbstractPlatformTransactionManager.java:730)
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.$Proxy656.mergeDescriptions (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)

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    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:208)
    at com.sun.proxy.$Proxy1060.mergeDescriptions(Unknown Source)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at org.springframework.remoting.support.RemoteInvocation.invoke(RemoteInvocation.java:212)
    at eu.etaxonomy.cdm.api.remoting.DebuggingRemoteInvocationExecutor.invoke(DebuggingRemoteInvocationExecuto
r.java:52)
    at org.springframework.remoting.support.RemoteInvocationBasedExporter.invoke(RemoteInvocationBasedExporter
.java:78)
    at org.springframework.remoting.support.RemoteInvocationBasedExporter.invokeAndCreateResult(RemoteInvocati
onBasedExporter.java:114)
    at org.springframework.remoting.httpinvoker.HttpInvokerServiceExporter.handleRequest(HttpInvokerServiceExp
orter.java:74)
    at org.springframework.web.servlet.mvc.HttpRequestHandlerAdapter.handle(HttpRequestHandlerAdapter.java:51)
    at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:959)
    at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:893)
    at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:969)
    at org.springframework.web.servlet.FrameworkServlet.doPost(FrameworkServlet.java:871)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:707)
    at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:845)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:790)
    at org.eclipse.jetty.servlet.ServletHolder$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:316
)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke(FilterSecurityIntercep
tor.java:126)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter(FilterSecurityInter
ceptor.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$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
    at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(SecurityCo
ntextHolderAwareRequestFilter.java:169)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
    at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(RequestCacheAwareFilter.
java:48)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
    at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInternal(BasicAut
henticationFilter.java:213)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$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(SecurityContextPersi
stenceFilter.java:91)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:330
)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doFilterIntern
al(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:1604)
    at eu.etaxonomy.cdm.servlet.DateHeaderFilter.doFilter (DateHeaderFilter.java:55)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1604)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFilter.java:12
1)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.eclipse.jetty.servlet.ServletHandler$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:47)
    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$Runner.run (QueuedThreadPool.java:938)
    at java.lang.Thread.run (Thread.java:748)
    at org.springframework.remoting.support.RemoteInvocationUtils.fillInClientStackTraceIfPossible (RemoteInvoc
ationUtils.java:45)
    at org.springframework.remoting.support.RemoteInvocationResult.recreate (RemoteInvocationResult.java:149)
    at org.springframework.remoting.support.RemoteInvocationBasedAccessor.recreateRemoteInvocationResult (Remot
eInvocationBasedAccessor.java:85)
    at org.springframework.remoting.httpinvoker.HttpInvokerClientInterceptor.invoke (HttpInvokerClientIntercept
or.java:150)
    at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:17
9)
    at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208)
    at com.sun.proxy.$Proxy359.mergeDescriptions (Unknown Source)
    at eu.etaxonomy.taxeditor.editor.descriptiveDataSet.matrix.CharacterMatrixPart.save (CharacterMatrixPart.ja
va:205)
    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)
    ... 48 more
Caused by: org.hibernate.exception.SQLGrammarException: could not execute statement
    at org.hibernate.exception.internal.SQLStateConversionDelegate.convert (SQLStateConversionDelegate.java:106
)
    at org.hibernate.exception.internal.StandardSQLExceptionConverter.convert (StandardSQLExceptionConverter.ja
va:42)
    at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert (SqlExceptionHelper.java:109)
    at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert (SqlExceptionHelper.java:95)
    at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.executeUpdate (ResultSetReturnImpl.java:207)

```

```
at org.hibernate.engine.jdbc.batch.internal.NonBatchingBatch.addToBatch(NonBatchingBatch.java:45)
at org.hibernate.persister.entity.AbstractEntityPersister.insert(AbstractEntityPersister.java:2886)
at org.hibernate.persister.entity.AbstractEntityPersister.insert(AbstractEntityPersister.java:3386)
at org.hibernate.action.internal.EntityInsertAction.execute(EntityInsertAction.java:89)
at org.hibernate.engine.spi.ActionQueue.executeActions(ActionQueue.java:560)
at org.hibernate.engine.spi.ActionQueue.executeActions(ActionQueue.java:434)
at org.hibernate.event.internal.AbstractFlushingEventListener.performExecutions(AbstractFlushingEventListener.java:337)
at org.hibernate.event.internal.DefaultFlushEventListener.onFlush(DefaultFlushEventListener.java:39)
at org.hibernate.internal.SessionImpl.flush(SessionImpl.java:1282)
at org.hibernate.envers.internal.synchronization.AuditProcess.doBeforeTransactionCompletion(AuditProcess.java:156)
at org.hibernate.envers.internal.synchronization.AuditProcessManager$1.doBeforeTransactionCompletion(AuditProcessManager.java:46)
at org.hibernate.engine.spi.ActionQueue$BeforeTransactionCompletionProcessQueue.beforeTransactionCompletion(ActionQueue.java:899)
at org.hibernate.engine.spi.ActionQueue.beforeTransactionCompletion(ActionQueue.java:481)
at org.hibernate.internal.SessionImpl.beforeTransactionCompletion(SessionImpl.java:2340)
at org.hibernate.engine.jdbc.internal.JdbcCoordinatorImpl.beforeTransactionCompletion(JdbcCoordinatorImpl.java:485)
at org.hibernate.resource.transaction.backend.jdbc.internal.JdbcResourceLocalTransactionCoordinatorImpl.beforeCompletionCallback(JdbcResourceLocalTransactionCoordinatorImpl.java:147)
at org.hibernate.resource.transaction.backend.jdbc.internal.JdbcResourceLocalTransactionCoordinatorImpl.access$100(JdbcResourceLocalTransactionCoordinatorImpl.java:38)
at org.hibernate.resource.transaction.backend.jdbc.internal.JdbcResourceLocalTransactionCoordinatorImpl$TransactionDriverControlImpl.commit(JdbcResourceLocalTransactionCoordinatorImpl.java:231)
at org.hibernate.engine.transaction.internal.TransactionImpl.commit(TransactionImpl.java:65)
at org.springframework.orm.hibernate5.HibernateTransactionManager.doCommit(HibernateTransactionManager.java:581)
```

... 169 more

Caused by: java.sql.SQLException: No value specified for parameter 6

```
at com.mysql.cj.jdbc.exceptions.SQLException.createSQLException(SQLException.java:129)
at com.mysql.cj.jdbc.exceptions.SQLException.createSQLException(SQLException.java:97)
at com.mysql.cj.jdbc.exceptions.SQLExceptionsMapping.translateException(SQLExceptionsMapping.java:122)
at com.mysql.cj.jdbc.ClientPreparedStatement.executeUpdateInternal(ClientPreparedStatement.java:1132)
at com.mysql.cj.jdbc.ClientPreparedStatement.executeUpdateInternal(ClientPreparedStatement.java:1057)
at com.mysql.cj.jdbc.ClientPreparedStatement.executeLargeUpdate(ClientPreparedStatement.java:1377)
at com.mysql.cj.jdbc.ClientPreparedStatement.executeUpdate(ClientPreparedStatement.java:1042)
at com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeUpdate(NewProxyPreparedStatement.java:384)
at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.executeUpdate(ResultSetReturnImpl.java:204)
... 189 more
```

#35 - 06/16/2020 03:55 PM - Andreas Müller

... however, the value was stored in the DB, so maybe the error occurred during save for AUD data.

#36 - 06/17/2020 05:40 PM - Andreas Kohlbecker

"Das Label im Kontextmenü "Add Specimen Descriptions" ist zwar inhaltlich richtig aber "Add Specimens" wäre intuitiver und kürzer"

2x +1 by votes in Riot

==> please can you change the contex menu item label to **"Add Specimens"**

#37 - 06/18/2020 08:53 AM - Katja Luther

Andreas Kohlbecker wrote:

"Das Label im Kontextmenü "Add Specimen Descriptions" ist zwar inhaltlich richtig aber "Add Specimens" wäre intuitiver und kürzer"

2x +1 by votes in Riot

==> please can you change the contex menu item label to **"Add Specimens"**

done

#38 - 06/18/2020 08:55 AM - Katja Luther

Andreas Müller wrote:

... however, the value was stored in the DB, so maybe the error occurred during save for AUD data.

this problem is caused by

```
insert into StatisticalMeasurementValue_AUD (REVTYPE, created, uuid, updated, value, value_scale, createdBy_id, updatedBy_id, quantitativeData_id, type_id, id, REV) values (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)
```

#39 - 06/18/2020 11:45 AM - Katja Luther

Katja Luther wrote:

Andreas Müller wrote:

... however, the value was stored in the DB, so maybe the error occurred during save for AUD data.

this problem is caused by

```
insert into StatisticalMeasurementValue_AUD (REVTYPE, created, uuid, updated, value, value_scale, createdBy_id, updatedBy_id, quantitativeData_id, type_id, id, REV) values (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)
```

this issue is fixed.

#40 - 06/18/2020 12:00 PM - Katja Luther

Andreas Müller wrote:

Generally this works.

There is 1 open issue which is a bit critical: it is only possible to a specimen for a taxon which is not yet shown in the matrix if the focus is not set to any record. But this is difficult to achieve once a record got the focus. It is possible by collapsing all records and then choose "Add specimen description". But this is something the user needs to know.

A possible solution could be to do it the same way as for the aggregations and let the search dialog have a filter for "Selected Taxon", "Selected Subtree" and "Full recordset".
Maybe there are even better solutions.

If this is difficult to implement feel free to move to 5.16 but we should implement it soon.

Maybe we should add a second button to remove the taxon filter.

#41 - 06/18/2020 01:26 PM - Andreas Müller

Katja Luther wrote:

Katja Luther wrote:

Andreas Müller wrote:

... however, the value was stored in the DB, so maybe the error occurred during save for AUD data.

this problem is caused by

```
insert into StatisticalMeasurementValue_AUD (REVTYPE, created, uuid, updated, value, value_scale, createdBy_id, updatedBy_id, quantitativeData_id, type_id, id, REV) values (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)
```

this issue is fixed.

Great! Yes this was obviously the problem, but it was not found before because null values are seldom saved

#42 - 06/18/2020 01:46 PM - Andreas Müller

Katja Luther wrote:

Andreas Müller wrote:

Generally this works.

There is 1 open issue which is a bit critical: it is only possible to a specimen for a taxon which is not yet shown in the matrix if the focus is not set to any record. But this is difficult to achieve once a record got the focus. It is possible by collapsing all records and then choose "Add specimen description". But this is something the user needs to know.

A possible solution could be to do it the same way as for the aggregations and let the search dialog have a filter for "Selected Taxon",

"Selected Subtree" and "Full recordset".
Maybe there are even better solutions.

If this is difficult to implement feel free to move to 5.16 but we should implement it soon.

Maybe we should add a second button to remove the taxon filter.

You mean in the dialog? So this is more or less the solution I also suggested but without alternative "Selected Taxon". But this alternative is maybe not really important as the result can also be sorted by taxon. So I agree to do it this way.

By the way, if the dialog is filtered by a subtree this filter should be named somewhere in the dialog so users know that these are not all specimen available in the dataset. The button to remove **and enable** the filter again could be placed beside this label.

#43 - 06/18/2020 02:08 PM - Katja Luther

- Related to bug #8783: Massive Heap consumption in server instance opening the Description-Matrix editor added

#44 - 06/18/2020 04:20 PM - Katja Luther

- Status changed from Feedback to Resolved

- Assignee changed from Katja Luther to Andreas Müller

Andreas Müller wrote:

Katja Luther wrote:

Andreas Müller wrote:

Generally this works.

There is 1 open issue which is a bit critical: it is only possible to a specimen for a taxon which is not yet shown in the matrix if the focus is not set to any record. But this is difficult to achieve once a record got the focus. It is possible by collapsing all records and then choose "Add specimen description". But this is something the user needs to know.

A possible solution could be to do it the same way as for the aggregations and let the search dialog have a filter for "Selected Taxon", "Selected Subtree" and "Full recordset".

Maybe there are even better solutions.

If this is difficult to implement feel free to move to 5.16 but we should implement it soon.

Maybe we should add a second button to remove the taxon filter.

You mean in the dialog? So this is more or less the solution I also suggested but without alternative "Selected Taxon". But this alternative is maybe not really important as the result can also be sorted by taxon. So I agree to do it this way.

By the way, if the dialog is filtered by a subtree this filter should be named somewhere in the dialog so users know that these are not all specimen available in the dataset. The button to remove **and enable** the filter again could be placed beside this label.

Now the nameCaches of the selected taxa are shown on top of the dialog, and a button for removing the filter is added. If you want to filter again, you can enter the name of the taxon in the text field.

#45 - 06/19/2020 08:58 AM - Andreas Müller

- File picture647-1.png added

- Status changed from Resolved to Feedback

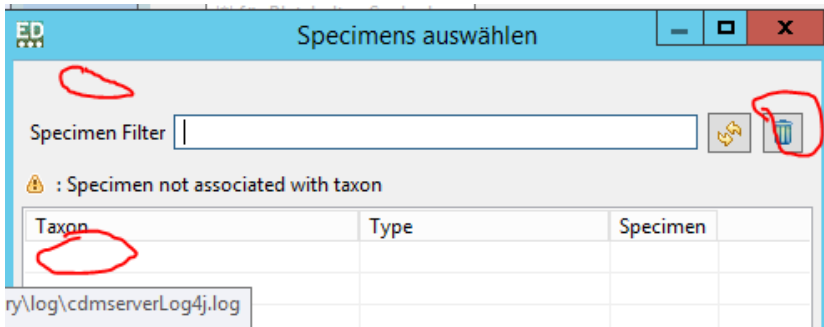
- Assignee changed from Andreas Müller to Katja Luther

- % Done changed from 30 to 40

Katja Luther wrote:

Now the nameCaches of the selected taxa are shown on top of the dialog, and a button for removing the filter is added. If you want to filter again, you can enter the name of the taxon in the text field.

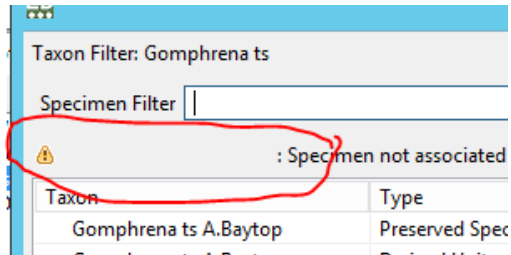
Now, if the filter is empty no specimen is shown at all, but all specimen should be shown.
Also the button is behind the "Specimen Filter" but removes the "Taxon filter" this is not intuitive



#46 - 06/19/2020 09:02 AM - Andreas Müller

- File picture265-1.png added

The layout the legend was corrupted by adding the new filter:



#47 - 06/19/2020 09:05 AM - Andreas Müller

The new filter should be called "Taxonomic Group" filter or "Taxonomic Subtree" filter as it filters not only on 1 taxon but on all it's children as well.

Note: Currently we often use "Subtree" in the UI, maybe "Group" is the better label. But this is a general discussion so we should stay at "Subtree" here I suggest.

#48 - 06/19/2020 09:20 AM - Andreas Müller

Now, when entering a value at "Specimen Filter" you sometimes get more values then when entering no value. This behavior is not related to the new filter but it is a general issue with the "Specimen filter". If no taxon filter is defined and the specimen filter field is empty no entry appears in the list, which to me seems not correct.

By the way: Do you know what the refresh button is for. At the moment I do not really see a functionality and the tool-tip also does not say much. I somehow remember that maybe the specimen list was not updated each time the dialog opens (as computing specimen takes time). Is the refresh button for showing newly added specimen? Is this behavior still valid with the new filter in place? Is the filter working on cached data or the result recomputed now each time the dialog is opened?

#49 - 06/19/2020 09:24 AM - Katja Luther

Andreas Müller wrote:

Now, when entering a value at "Specimen Filter" you sometimes get more values then when entering no value. This behavior is not related to the new filter but it is a general issue with the "Specimen filter". If no taxon filter is defined and the specimen filter field is empty no entry appears in the list, which to me seems not correct.

that's right, that should be fixed.

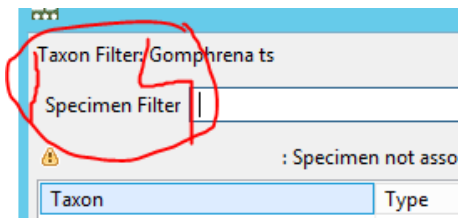
By the way: Do you know what the refresh button is for. At the moment I do not really see a functionality and the tool-tip also does not say much. I somehow remember that maybe the specimen list was not updated each time the dialog opens (as computing specimen takes time). Is the refresh button for showing newly added specimen? Is this behavior still valid with the new filter in place? Is the filter working on cached data or the result recomputed now each time the dialog is opened?

The specimen list is loaded only the first time the dialog is opened and added to a cache, the following times the cache is used, clicking on the refresh button loads the specimen list again, this is for changes in the descriptive dataset.

#50 - 06/19/2020 09:25 AM - Andreas Müller

- File picture052-1.png added

Generally the layout should be improved. The "Taxon filter" and the "Specimen filter" look very different at the moment.



Also a tooltip should be added to the "Specimen filter" which explains that this is a filter on "Taxon label AND Specimen label". Or the label for the filter itself should be changed to "Taxon Name and Specimen Filter. (This is long but there is enough space)

#51 - 06/19/2020 09:30 AM - Andreas Müller

Katja Luther wrote:

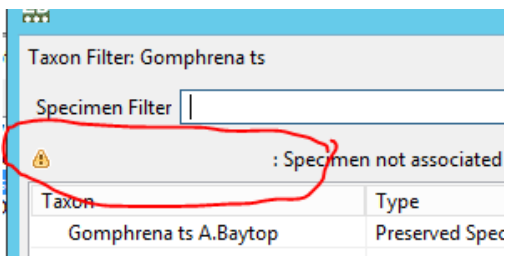
The specimen list is loaded only the first time the dialog is opened and added to a cache, the following times the cache is used, clicking on the refresh button loads the specimen list again, this is for changes in the descriptive dataset.

OK, so I remembered this correctly. And I understand it correctly that the new subtree filter also works on these precomputed data? Can we add an according tool-tip to the refresh button that explains this behavior, e.g. "Refresh to show/not show recently added/removed specimen records", so ordinary users maybe understand this behavior a bit better.

#52 - 06/19/2020 10:18 AM - Katja Luther

Andreas Müller wrote:

The layout the legend was corrupted by adding the new filter:

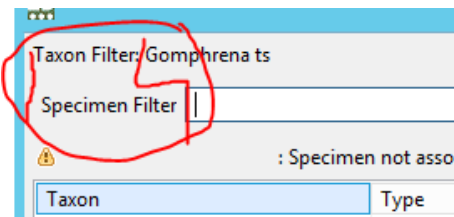


this is fixed.

#53 - 06/19/2020 10:20 AM - Katja Luther

Andreas Müller wrote:

Generally the layout should be improved. The "Taxon filter" and the "Specimen filter" look very different at the moment.



Also a tooltip should be added to the "Specimen filter" which explains that this is a filter on "Taxon label AND Specimen label". Or the label for the filter itself should be changed to "Taxon Name and Specimen Filter. (This is long but there is enough space)

this is fixed.

#54 - 06/19/2020 10:35 AM - Katja Luther

Andreas Müller wrote:

Katja Luther wrote:

The specimen list is loaded only the first time the dialog is opened and added to a cache, the following times the cache is used, clicking on the refresh button loads the specimen list again, this is for changes in the descriptive dataset.

OK, so I remembered this correctly. And I understand it correctly that the new subtree filter also works on these precomputed data? Can we add an according tool-tip to the refresh button that explains this behavior, e.g. "Refresh to show/not show recently added/removed specimen records", so ordinary users maybe understand this behavior a bit better.

tooltip added

#55 - 06/19/2020 10:37 AM - Katja Luther

Andreas Müller wrote:

Now, when entering a value at "Specimen Filter" you sometimes get more values than when entering no value. This behavior is not related to the new filter but it is a general issue with the "Specimen filter". If no taxon filter is defined and the specimen filter field is empty no entry appears in the list, which to me seems not correct.

this is fixed

#56 - 06/19/2020 10:37 AM - Katja Luther

- Status changed from *Feedback* to *Resolved*

- Assignee changed from *Katja Luther* to *Andreas Müller*

I think all issues are fixed, please review.

#57 - 06/19/2020 04:51 PM - Katja Luther

- Description updated

- Status changed from *Resolved* to *In Progress*

#58 - 06/19/2020 04:52 PM - Katja Luther

- Assignee changed from *Andreas Müller* to *Katja Luther*

#59 - 06/19/2020 05:03 PM - Andreas Müller

- Description updated

- Status changed from *In Progress* to *Resolved*

- Assignee changed from *Katja Luther* to *Andreas Müller*

Maybe we also need a configurator here for the removal of specimens(descriptions) from the matrix. Same issue as at [#8754#note-20](#) (and other notes in [#8754](#)).

A configurator is needed if the Specimen(orTaxon)Description should be completely deleted from the object it belongs too or if it should be only removed from the matrix/DDS.

I create a new ticket for this: [#9084](#)

#60 - 06/19/2020 05:05 PM - Andreas Müller

Upps sorry, I have overridden your changes accidentally. But maybe it is better to handle this in another ticket. What do you think?

#61 - 06/19/2020 05:31 PM - Andreas Müller

Copied from [#8754#note-22](#)

There is also another strange behavior. When I do "reattache" the specimen to the matrix the old record seems to be reattached (which might be a good idea but needs to be discussed for details). But the problem seems to be that if in the meanwhile the record has been changed this seem not be reflected in the UI or in the record itself. It looks like the old version is somewhere cached and attached as it was instead of reloading it from the DB.

... hmm, I tested now for a relatively long time with Matrix Editor open and deleting and reattaching Specimen Descriptions and at the same time the Specimen Tree Editor was open and sometimes I edited data there sometimes I only used it for checking referencing objects and ids. I sometimes only closed these editor sometimes closed the TaxEditor application and restartet. I was working on rem_conf_am / Am test dataset with specimen attached to *Nepenthes morganiana*.

However the behavior to me seems mostly unpredictable. Sometimes specimen descriptions are removed from the matrix which I did never remove. Sometimes other descriptions reappear after restart though I had deleted them. Sometimes measurement values that were deleted in Specimen Tree Editor reappear after reattaching a specimen to the matrix, ... I am a bit confused how to describe this because nothing is really reproducable but very often does not work as expected.

The main issue I originally wanted to test was how the deleting and adding of specimens in the matrix reacts if a possible SpecimenDescription candidate already exists. Is this reused or there always a new record created, or something else. But I couldn't really find.

However, for such a case we probably need some warning saying: there is a specimen description available already, do you want to use it? Also for imports this might be needed.

But first of all, could you please test if you can reproduce the above strange behavior (with my data or with other data)?

#62 - 06/19/2020 05:33 PM - Katja Luther

Andreas Müller wrote:

Copied from [#8754#note-22](#)

There is also another strange behavior. When I do "reattache" the specimen to the matrix the old record seems to be reattached (which might be a good idea but needs to be discussed for details). But the problem seems to be that if in the meanwhile the record has been changed this seem not be reflected in the UI or in the record itself. It looks like the old version is somewhere cached and attached as it was instead of reloading it from the DB.

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However the behavior to me seems mostly unpredictable. Sometimes specimen descriptions are removed from the matrix which I did never remove. Sometimes other descriptions reappear after restart though I had deleted them. Sometimes measurement values that were deleted in Specimen Tree Editor reappear after reattaching a specimen to the matrix, ... I am a bit confused how to describe this because nothing is really reproducable but very often does not work as expected.

The main issue I originally wanted to test was how the deleting and adding of specimens in the matrix reacts if a possible SpecimenDescription candidate already exists. Is this reused or there always a new record created, or something else. But I couldn't really find. However, for such a case we probably need some warning saying: there is a specimen description available already, do you want to use it? Also for imports this might be needed.

But first of all, could you please test if you can reproduce the above strange behavior (with my data or with other data)?

Did you save before you "reattache"?

#63 - 06/19/2020 06:24 PM - Andreas Müller

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Katja Luther

Katja Luther wrote:

Did you save before you "reattache"?

Yes, sometimes I even did restart the TaxEditor. Almost always I reopened the according Editors to be on the save side but this did not change much.

But there is another issue I watched just know. I added a new specimen description via the matrix, then opened the according specimen in the Specimen Tree Editor and opened the facts view and saw the new **empty** specimen description. Now I entered data into the description via the matrix and saved it. I re-searched and re-opened the Specimen Tree Editor but the description was still **empty** . Only after TaxEditor restart it did show the new quantitative data.

This reminds me very much to the caching problem described in [#9059](#).

#64 - 06/19/2020 09:38 PM - Katja Luther

- Assignee changed from Katja Luther to Andreas Müller

Andreas Müller wrote:

The main issue I originally wanted to test was how the deleting and adding of specimens in the matrix reacts if a possible SpecimenDescription candidate already exists. Is this reused or there always a new record created, or something else. But I couldn't really find.

However, for such a case we probably need some warning saying: there is a specimen description available already, do you want to use it? Also for imports this might be needed.

The description is only reused if it is already added to the dataset. The new description gets clones of descriptionelements of an existing description having descriptionelements of features belonging to the dataset. For example if a description of type CLONE_FOR_SOURCE exist, the values of the descriptionelements of this description are added to the new description.

Is that wanted behaviour?

#65 - 06/20/2020 10:56 AM - Katja Luther

Now add and delete should work. But if a specimen contains more than one description that could be used for cloning, the creation of the clones of the descriptionelements are not predictable. But for this issue, it is difficult for me to decide how to handle this because I don't know why it was implemented this way.

#66 - 06/22/2020 11:25 PM - Andreas Müller

- Status changed from *Feedback* to *Resolved*

Hmm, this behavior definitely needs further discussion. I do not remember that we had decided to implement it this way in additivity but maybe I forgot. We have to check the wiki.

However, this is a difficult issue as there is not the one correct handling of this situation. Probably we need some way to get user feedback here to decide for the correct decision. Simply creating clones without warning giving feedback to the user does not seem to always be the correct way.

#67 - 09/21/2021 11:34 AM - Andreas Müller

- Copied to feature request #9084: *Make it configurable if a Description is deleted only from the Descriptive Data Set or from it's Specimen/Taxon added*

Files

picture647-1.png	9.13 KB	06/19/2020	Andreas Müller
picture265-1.png	6.06 KB	06/19/2020	Andreas Müller
picture052-1.png	5.46 KB	06/19/2020	Andreas Müller