

EDIT - bug #7326

NPE when setting focus on specimen in Specimen Editor (hierarchy)

03/22/2018 04:05 PM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Patrick Plitzner	% Done:	100%
Category:	taxeditor	Estimated time:	0:00 hour
Target version:	Release 5.0	Found in Version:	
Severity:	critical		

Description

Version: 4.15.0-SNAPSHOT Build Date: 2018-03-22 15:47 CET

I used the new *Open in ... Specimen Editor* context menu entry for GatheringEvents implemented in the ReferencingObjectsView. Setting the focus on the specimen with the mouse pointer raised the NPE posted below

The screenshot shows the 'Specimen Editor (hierarchy)' application. The main window displays a list of taxon assignments under the heading '* Germany, Fränkischer Jura bez. Treuchtlingen, Kalkquellsumpf, E.Reichardt F 14'. The selected item is 'FR Do-N67'. The 'Details' panel on the right shows the following information:

- General**
 - Title Cache: Germany, Fränkischer Jura bez. Treuchtlingen, Kalkquellsumpf, E.Reichardt F 14 (FR Do-N67).
 - Collection: FR
 - Accession Number: Do-N67
 - Pref. Stable URI: [empty]
 - Publish: [checked]
- Specimen Details**
 - Barcode: [empty]
 - Catalog Number: [empty]

Below the main window, there are two smaller windows: 'Factual Data' and 'Media'. The 'Supplemental Data' panel shows a table of Referencing Objects:

Class	Description	UUID	Object ID
DerivationE	DerivationEvent#962<3:	3a55ee89-1 962	
SpecimenTy	HT Germany, Fränkische	ff2ce761-01 1072	

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login : admin
editor version : 4.15.0.201803221447
server : test.e-taxonomy.eu (edit-test) / phycobank
schema version : 4.7.0.0.201710040000
os : Linux 4.13.0-37-generic amd64
java : 1.8.0_131
org.eclipse.swt.SWTException: Failed to execute runnable (java.lang.NullPointerException)
  at org.eclipse.swt.SWT.error(SWT.java:4533)
  at org.eclipse.swt.SWT.error(SWT.java:4448)
  at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages(Synchronizer.java:185)
  at org.eclipse.swt.widgets.Display.runAsyncMessages(Display.java:4536)
  at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:4154)
  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:1
022)
  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:24)
  at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:196)
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    at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(EclipseAppLaunc
her.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: java.lang.NullPointerException
    at java.util.ArrayList.<init>(ArrayList.java:177)
    at eu.etaxonomy.taxeditor.ui.section.AbstractEntityCollectionSection.renderContent(AbstractEnt
ityCollectionSection.java:219)
    at eu.etaxonomy.taxeditor.ui.section.AbstractEntityCollectionSection.internalUpdateSection(Abs
tractEntityCollectionSection.java:207)
    at eu.etaxonomy.taxeditor.ui.section.AbstractEntityCollectionSection.setEntity(AbstractEntityC
ollectionSection.java:165)
    at eu.etaxonomy.taxeditor.ui.section.occurrence.DeterminationDetailElement.createControls(Dete
rminationDetailElement.java:49)
    at eu.etaxonomy.taxeditor.ui.section.occurrence.DeterminationDetailElement.createControls(Dete
rminationDetailElement.java:1)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.updateContent(AbstractCdmDetailE
lement.java:107)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.setEntity(AbstractCdmDetailEleme
nt.java:94)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailSection.setEntity(AbstractCdmDetailSecti
on.java:128)
    at eu.etaxonomy.taxeditor.view.detail.CdmSectionPart.setFormInput(CdmSectionPart.java:155)
    at org.eclipse.ui.forms.ManagedForm.setInput(ManagedForm.java:210)
    at eu.etaxonomy.taxeditor.view.e4.AbstractCdmDataViewerE4.refresh(AbstractCdmDataViewerE4.java
:156)
    at eu.etaxonomy.taxeditor.view.e4.AbstractCdmDataViewerE4.setInput(AbstractCdmDataViewerE4.jav
a:141)
    at eu.etaxonomy.taxeditor.view.e4.details.DetailsViewerE4.setInput(DetailsViewerE4.java:194)
    at eu.etaxonomy.taxeditor.view.e4.AbstractCdmEditorPartE4.showViewer(AbstractCdmEditorPartE4.j
ava:213)
    at eu.etaxonomy.taxeditor.view.e4.details.DetailsPartE4.selectionChanged_internal(DetailsPartE
4.java:104)
    at eu.etaxonomy.taxeditor.view.e4.AbstractCdmEditorPartE4$DelaySelection.run(AbstractCdmEditor
PartE4.java:85)
    at org.eclipse.swt.widgets.RunWithLock.run(RunnableLock.java:35)
    at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages(Synchronizer.java:182)
    ... 24 more

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Associated revisions

Revision 462c058e - 03/23/2018 07:41 AM - Patrick Plitzner

fix #7326 Fix potential NPE

History

#1 - 03/22/2018 04:12 PM - Andreas Kohlbecker

- Priority changed from New to Highest
- Target version changed from Unassigned CDM tickets to Release 5.0
- Severity changed from normal to critical

This bug can be reproduced independently of the ReferencingObjectsView and seems to happen with any Specimen! This must be fixed before the release

#2 - 03/22/2018 09:48 PM - Andreas Müller

- Assignee changed from Andreas Müller to Patrick Plitzner

#3 - 03/23/2018 07:41 AM - Patrick Plitzner

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset [taxeditor|462c058e6178f3418dbd100c3eb1990a2665ac27](#).

#4 - 03/23/2018 07:41 AM - Patrick Plitzner

- Assignee changed from Patrick Plitzner to Andreas Kohlbecker

#5 - 03/23/2018 09:15 AM - Andreas Kohlbecker

- Status changed from Resolved to Closed

- Assignee changed from Andreas Kohlbecker to Patrick Plitzner

- % Done changed from 50 to 100

it's fixed!

Files

picture116-1.png	88.4 KB	03/22/2018	Andreas Kohlbecker
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