

## EDIT - bug #7668

### NPE when changing author

08/21/2018 09:44 AM - Katja Luther

|   |              |                          |           |
|---|--------------|--------------------------|-----------|
| <b>Status:</b>  | Closed       | <b>Start date:</b>       |           |
| <b>Priority:</b>  | Highest      | <b>Due date:</b>         |           |
| <b>Assignee:</b>  | Katja Luther | <b>% Done:</b>           | 80%       |
| <b>Category:</b>  | taxeditor    | <b>Estimated time:</b>   | 0:00 hour |
| <b>Target version:</b>  | Release 5.5  | <b>Found in Version:</b> |           |
| <b>Severity:</b>  | normal       |                          |           |
| <b>Description</b>  |              |                          |           |
| mail of Sabine:   |              |                          |           |
| Hallo,  |              |                          |           |
| beim Versuch bei der Art <i>Arenaria brachypetala</i> den Autor zu ändern (Auswahl eines anderen aus der Liste, T.N.Popova statt Popova), öffneten sich ganz viele Fehlerfenster mit dieser Meldung:  |              |                          |           |
| <pre>login : s.vonmering editor version : 5.2.0 server : api.cybertaxonomy.org (cybertaxonomy.org) / caryophyllales_spp schema version : 5.0.0.0.20180514 os : Windows 7 6.1 amd64 java : 1.8.0_171 org.eclipse.swt.SWTException: Failed to execute runnable (org.eclipse.e4.core.di.InjectionException: 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:4211)     at org.eclipse.swt.widgets.Display.readAndDispatch (Display.java:3827)     at org.eclipse.jface.window.Window.runEventLoop (Window.java:818)     at org.eclipse.jface.window.Window.open (Window.java:794)     at org.eclipse.jface.dialogs.ErrorDialog.open (ErrorDialog.java:346)     at eu.etaxonomy.taxeditor.model.MessagingUtils\$1.run (MessagingUtils.java:279)     at org.eclipse.swt.widgets.RunWithLock.run (RunWithLock.java:35)     at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:182)     at org.eclipse.swt.widgets.Display.runAsyncMessages (Display.java:4211)     at org.eclipse.swt.widgets.Display.readAndDispatch (Display.java:3827)     at org.eclipse.jface.window.Window.runEventLoop (Window.java:818)     at org.eclipse.jface.window.Window.open (Window.java:794)     at org.eclipse.jface.dialogs.ErrorDialog.open (ErrorDialog.java:346)     at eu.etaxonomy.taxeditor.model.MessagingUtils\$1.run (MessagingUtils.java:279)     at org.eclipse.swt.widgets.RunWithLock.run (RunWithLock.java:35)     at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:182)     at org.eclipse.swt.widgets.Display.runAsyncMessages (Display.java:4211)     at org.eclipse.swt.widgets.Display.readAndDispatch (Display.java:3827)     at org.eclipse.jface.window.Window.runEventLoop (Window.java:818)     at org.eclipse.jface.window.Window.open (Window.java:794)     at org.eclipse.jface.dialogs.ErrorDialog.open (ErrorDialog.java:346)     at eu.etaxonomy.taxeditor.model.MessagingUtils\$1.run (MessagingUtils.java:279)     at org.eclipse.swt.widgets.RunWithLock.run (RunWithLock.java:35)     at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:182)     at org.eclipse.swt.widgets.Display.runAsyncMessages (Display.java:4211)     at org.eclipse.swt.widgets.Display.readAndDispatch (Display.java:3827)     at org.eclipse.jface.window.Window.runEventLoop (Window.java:818)     at org.eclipse.jface.window.Window.open (Window.java:794)     at org.eclipse.jface.dialogs.ErrorDialog.open (ErrorDialog.java:346)     at eu.etaxonomy.taxeditor.model.MessagingUtils\$1.run (MessagingUtils.java:279)     at org.eclipse.swt.widgets.RunWithLock.run (RunWithLock.java:35)     at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:182)     at org.eclipse.swt.widgets.Display.runAsyncMessages (Display.java:4211)</pre> |              |                          |           |

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at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3827)
at org.eclipse.jface.window.Window.runEventLoop(Window.java:818)
at org.eclipse.jface.window.Window.open(Window.java:794)
at org.eclipse.jface.dialogs.ErrorDialog.open(ErrorDialog.java:346)
at eu.etaxonomy.taxeditor.model.MessagingUtils$1.run(MessagingUtils.java:279)
at org.eclipse.swt.widgets.RunWithLock.run(RunnableLock.java:35)
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at org.eclipse.swt.widgets.Display.runAsyncMessages(Display.java:4211)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3827)
at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine$4.run(PartRenderin
gEngine.java:1121)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:336)
at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine.run(PartRenderingE
ngine.java:1022)
at org.eclipse.e4.ui.internal.workbench.E4Workbench.createAndRunUI(E4Workbench.jav
a:150)
at org.eclipse.ui.internal.Workbench$5.run(Workbench.java:693)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:336)
at org.eclipse.ui.internal.Workbench.createAndRunWorkbench(Workbench.java:610)
at org.eclipse.ui.PlatformUI.createAndRunWorkbench(PlatformUI.java:148)
at eu.etaxonomy.taxeditor.Application.start(Application.java:24)
at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:196
)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(Ecl
ipseAppLauncher.java:134)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLa
uncher.java:104)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:388)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:243)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:673)
at org.eclipse.equinox.launcher.Main.basicRun(Main.java:610)
at org.eclipse.equinox.launcher.Main.run(Main.java:1519)
Caused by: org.eclipse.e4.core.di.InjectionException: java.lang.NullPointerException
at org.eclipse.e4.core.internal.di.MethodRequestor.execute(MethodRequestor.java:65
)
at org.eclipse.e4.ui.internal.di.UIEventObjectSupplier$UIEventHandler$1.run(UIEven
tObjectSupplier.java:56)
at org.eclipse.swt.widgets.RunWithLock.run(RunnableLock.java:35)
at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages(Synchronizer.java:182)

```

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... 87 more
Caused by: java.lang.NullPointerException
    at eu.etaxonomy.taxeditor.editor.name.e4.TaxonNameEditorE4.updateView(TaxonNameEditorE4.java:741)
    at sun.reflect.GeneratedMethodAccessor126.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
    at java.lang.reflect.Method.invoke(Unknown Source)
    at org.eclipse.e4.core.internal.di.MethodRequestor.execute(MethodRequestor.java:55)
)
... 90 more
```

**Related issues:**

Related to EDIT - bug #8077: recursive call of errorDialog.open caused by an ...

**New**

**Associated revisions**

**Revision 457199e5 - 02/05/2019 11:42 AM - Katja Luther**

fix #7668: fix potential NPE

**Revision 5ba8876f - 02/05/2019 12:05 PM - Katja Luther**

ref #7668: add null check for name

**History**

**#1 - 08/21/2018 10:16 AM - Andreas Müller**

- Target version changed from Unassigned CDM tickets to Release 5.3

**#2 - 09/06/2018 01:26 PM - Katja Luther**

- Target version changed from Release 5.3 to Release 5.4

**#3 - 10/23/2018 10:42 AM - Andreas Müller**

- Target version changed from Release 5.4 to Release 5.5

**#4 - 02/05/2019 11:43 AM - Katja Luther**

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset [taxeditor|457199e546b7fbd9f1162b5b81b3d10ba7ec928f](#).

**#5 - 02/05/2019 11:44 AM - Katja Luther**

- Assignee changed from Katja Luther to Andreas Müller

null check for all potential occurrences of NPE

**#6 - 02/06/2019 10:51 PM - Andreas Müller**

this.taxon != null && this.taxon.getName().equals(cdbname) should include an additional this.taxon.getName() != null check maybe?

**#7 - 02/06/2019 10:54 PM - Andreas Müller**

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Katja Luther

Also I wonder why "öffneten sich ganz viele Fehlerfenster". Has this to do with some kind of recursion? Can this be avoided for somehow for similar issues? Only if obvious, I don't think this is an issue that often happens.

**#8 - 02/07/2019 01:21 PM - Katja Luther**

Andreas Müller wrote:

    this.taxon != null && this.taxon.getName().equals(cdbname) should include an additional this.taxon.getName() != null check maybe?

this is already done, see r5ba8876f

**#9 - 02/07/2019 01:31 PM - Andreas Müller**

- % Done changed from 50 to 80

Katja Luther wrote:

Andreas Müller wrote:

`this.taxon != null && this.taxon.getName().equals(cdmbase)` should include an additional `this.taxon.getName() != null` check maybe?

this is already done, see r5ba8876f

ok, sorry, I only checked the first commit.

So I think if you have no idea how to handle/fix note-7 we can close this ticket

**#10 - 02/07/2019 01:39 PM - Katja Luther**

- Status changed from Feedback to Closed

Andreas Müller wrote:

Katja Luther wrote:

Andreas Müller wrote:

`this.taxon != null && this.taxon.getName().equals(cdmbase)` should include an additional `this.taxon.getName() != null` check maybe?

this is already done, see r5ba8876f

ok, sorry, I only checked the first commit.

So I think if you have no idea how to handle/fix note-7 we can close this ticket

I think there was an exception in the error dialog, maybe this is an extra ticket. (-> [#8077](#))

**#11 - 02/07/2019 01:42 PM - Katja Luther**

- Related to bug #8077: recursive call of `errorDialog.open` caused by an `SWTException` added