

## EDIT - feature request #8293

### Distribution preferences for details view should be serverside preferences

05/22/2019 12:46 PM - Katja Luther

<b>Status:</b>	Feedback	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Katja Luther	<b>% Done:</b>	0%
<b>Category:</b>	taxeditor	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.8		
<b>Severity:</b>	normal		
<b>Description</b>			
the preferences for distribution data (areas and status) used in details view should be serverside preferences			

#### Associated revisions

##### Revision 182b1e60 - 06/05/2019 01:42 PM - Katja Luther

ref #8293: distribution details view uses the same status pref as distr. editor

##### Revision 63851d14 - 06/11/2019 02:51 PM - Katja Luther

ref #8293: update drop down when selection of area changed

##### Revision 91d58d15 - 06/11/2019 03:37 PM - Katja Luther

ref #8293: use distribution editor preference for area filter in details view

##### Revision 955fadf4 - 07/18/2019 05:25 PM - Andreas Müller

ref #8293 try to fix IAE in Distribution Details View if status pref exists

##### Revision 0aebb4bc - 07/18/2019 05:52 PM - Andreas Müller

ref #8293 try to fix IAE in Distribution Details View if status pref exists

#### History

##### #1 - 05/22/2019 03:43 PM - Andreas Müller

- Tags set to euro+med

##### #2 - 06/05/2019 09:53 AM - Katja Luther

- Status changed from New to Feedback

- Assignee changed from Katja Luther to Andreas Müller

do we really want to have two different preferences? one for the distribution editor,one for the details view?

##### #3 - 06/05/2019 10:45 AM - Andreas Müller

- Assignee changed from Andreas Müller to Katja Luther

I didn't say we want 2, but we want it serverside, currently this is not yet the case. It should be 1 predicate I guess with 2 different subjects if requested, but usually we will define generic subject such as / or /taxeditor/ which is valid for both. More specific subject could be /taxeditor/distributioneditor/ or /taxeditor/facts/ or what ever subject we want for data edited via facts/details view (needs to be discussed)

##### #4 - 06/05/2019 10:48 AM - Andreas Müller

But in a way you are right and the details view when used via distribution editor and the distribution editor itself should maybe even have the same subject.

Except if you want to allow a bit more in the details view then it could have a subject like /taxeditor/distributionEditor/detailsView/. But for now this is not needed I think.

Anyway, at the moment the details view for the distribution editor still does not use the distribution editor preferences I think.

##### #5 - 06/11/2019 03:02 PM - Katja Luther

now the distribution status comes from the same preference and the input of the combo box is updated depending on the area selection.

#### #6 - 06/11/2019 03:03 PM - Katja Luther

- Status changed from Feedback to In Progress

#### #7 - 06/11/2019 04:25 PM - Katja Luther

now, the vocabulary defined in the distribution editor preference is used for the area filter

#### #8 - 07/18/2019 05:11 PM - Andreas Müller

When trying to edit a distribution in facts view I get an IAE:

```
login : admin
editor version : 5.8.0.201907180811
server : test.e-taxonomy.eu (edit-test) / rem_conf_am
schema version : 5.5.0.0.20190221
os : Windows Server 2012 R2 6.3 amd64
java : 1.8.0_121
org.eclipse.swt.SWTException: Failed to execute runnable (java.lang.IllegalArgumentException: Invalid UUID string: )
    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.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:24)
    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: java.lang.IllegalArgumentException: Invalid UUID string:
    at java.util.UUID.fromString(UUID.java:194)
    at eu.etaxonomy.taxeditor.ui.section.description.detail.DistributionDetailElement.getStatusListForArea(DistributionDetailElement.java:102)
    at eu.etaxonomy.taxeditor.ui.section.description.detail.DistributionDetailElement.createControls(DistributionDetailElement.java:72)
    at eu.etaxonomy.taxeditor.ui.section.description.detail.DistributionDetailElement.createControls(DistributionDetailElement.java:1)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.updateContent(AbstractCdmDetailElement.java:107)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.setEntity(AbstractCdmDetailElement.java:94)
    at eu.etaxonomy.taxeditor.ui.section.description.detail.AbstractDetailedDescriptionDetailElement.<init>(AbstractDetailedDescriptionDetailElement.java:51)
    at eu.etaxonomy.taxeditor.ui.section.description.detail.DistributionDetailElement.<init>(DistributionDetailElement.java:57)
    at eu.etaxonomy.taxeditor.ui.element.CdmFormFactory.createDetailedDescriptionDetailElement(CdmFormFactory.java:3132)
    at eu.etaxonomy.taxeditor.ui.section.description.DescriptionElementDetailElement.createControls(DescriptionElementDetailElement.java:42)
    at eu.etaxonomy.taxeditor.ui.section.description.DescriptionElementDetailElement.createControls(DescriptionElementDetailElement.java:1)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.updateContent(AbstractCdmDetailElement.java:107)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailElement.setEntity(AbstractCdmDetailElement.java:94)
    at eu.etaxonomy.taxeditor.ui.section.AbstractCdmDetailSection.setEntity(AbstractCdmDetailSection.java:135)
    at eu.etaxonomy.taxeditor.view.detail.CdmSectionPart.setFormInput(CdmSectionPart.java:160)
```

```
at org.eclipse.ui.forms.ManagedForm.setInput (ManagedForm.java:210)
at eu.etaxonomy.taxeditor.view.e4.AbstractCdmDataViewerE4.refresh (AbstractCdmDataViewerE4.java:162)
at eu.etaxonomy.taxeditor.view.e4.AbstractCdmDataViewerE4.setInput (AbstractCdmDataViewerE4.java:143)
at eu.etaxonomy.taxeditor.view.e4.details.DetailsViewerE4.setInput (DetailsViewerE4.java:196)
at eu.etaxonomy.taxeditor.view.e4.details.DetailsViewerE4.setInput (DetailsViewerE4.java:163)
at eu.etaxonomy.taxeditor.view.e4.AbstractCdmEditorPartE4.showViewer (AbstractCdmEditorPartE4.java:233)
at eu.etaxonomy.taxeditor.view.e4.details.DetailsPartE4.selectionChanged_internal (DetailsPartE4.java:106)
at eu.etaxonomy.taxeditor.view.e4.AbstractCdmEditorPartE4$DelaySelection.run (AbstractCdmEditorPartE4.java:
90)
at org.eclipse.swt.widgets.RunWithLock.run (RunWithLock.java:35)
at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages (Synchronizer.java:182)
... 23 more
```

#### #9 - 07/18/2019 05:12 PM - Andreas Müller

This error is a blocker!!

#### #10 - 07/18/2019 05:27 PM - Andreas Müller

Andreas Müller wrote:

This error is a blocker!!

I tried to fix with 955fadf4. Will see if it works

#### #11 - 07/18/2019 06:13 PM - Andreas Müller

The fix seems to work. Katja, can you please check, why empty strings are possible here. It is a bit strange. In the DB the strings look ok:

```
c9fc9fe0-91a6-4cf0-9f57-31a4b24c3b24;c3ee7048-15b7-4be1-b687-9ce9c1a669d6;310373bf-7df4-4d02-8cb3-bcc7448805fc;42946bd6-9c22-45ad-a
910-7427e8f60bfd;b74dc30b-ee93-496d-8c00-4d00abae1ec7;2fda5393-7423-4076-814c-1fa7678d7d33
and
c9fc9fe0-91a6-4cf0-9f57-31a4b24c3b24;c3ee7048-15b7-4be1-b687-9ce9c1a669d6;ddeac4f2-d8fa-43b8-ad7e-ca13abdd32c7;e191e89a-a751-4b0c-
b883-7f1de70915c9;42946bd6-9c22-45ad-a910-7427e8f60bfd;59709861-f7d9-41f9-bb21-92559cedd598
```

These should be split correctly without empty strings. But maybe the handling in the PrefCache is different.

#### #12 - 07/18/2019 06:27 PM - Andreas Müller

The preference menu is not correct. You put it to UI-DistributionData-VocsAndStatus

UI is only for UI! (as the name says)

Preferences that are data specific should be handled there (e.g. here at Factual Data). Maybe we should put all data related preferences to a common main menu "Data" and then Submenu Factual Data, Taxa, Names, but that needs discussion.

However, the now implemented prefs belong to factual data and might be called distributions ("vocabularies" is anyway the wrong label, should be "areas"). In UI-Distribution Editor we may have a submenu "Areas and status". This could do the same as the above but with always setting "distributionEditor" as part of the subject so it is specific for the distribution editor. Additionally we should have a "use default" switch which allows to use the default values from "factual data" which will be chosen in most cases. We may create a new ticket for this last issue.

#### #13 - 07/18/2019 06:27 PM - Andreas Müller

- Status changed from In Progress to Feedback

#### #14 - 07/18/2019 06:30 PM - Andreas Müller

Is there a reason why if used in distribution editor, the Status field and the modifying text field in details view is disabled? I understand that "Area" needs to be disabled, but the former fields could (and should) be editable I think.

#### #15 - 07/18/2019 06:31 PM - Andreas Müller

Beside these issues the implementation works correctly as it looks like. This gives more consistency to data and UI.