

EDIT - bug #7910

TeamOrPersonField: readonly exception on binding data

11/15/2018 08:25 AM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	cdm-vaadin	Estimated time:	0:00 hour
Target version:	Release 5.5	Found in Version:	
Severity:	normal		
Description			
<p>Caused by: com.vaadin.data.Buffered\$SourceException at com.vaadin.ui.AbstractField.setPropertyDataSource(AbstractField.java:664) at com.vaadin.data.fieldgroup.FieldGroup.bind(FieldGroup.java:273) at com.vaadin.data.fieldgroup.BeanFieldGroup.bind(BeanFieldGroup.java:155) at com.vaadin.data.fieldgroup.FieldGroup.bindFields(FieldGroup.java:113) at com.vaadin.data.fieldgroup.FieldGroup.setItemDataSource(FieldGroup.java:103) at com.vaadin.data.fieldgroup.BeanFieldGroup.setItemDataSource(BeanFieldGroup.java:126) at eu.etaxonomy.cdm.vaadin.component.common.TeamOrPersonField.setInternalValue(TeamOrPersonField.java:205) at eu.etaxonomy.cdm.vaadin.component.common.TeamOrPersonField.setInternalValue(TeamOrPersonField.java:1) at com.vaadin.ui.AbstractField.setValue(AbstractField.java:526) at eu.etaxonomy.cdm.vaadin.component.common.TeamOrPersonField.setValue(TeamOrPersonField.java:387) at eu.etaxonomy.cdm.vaadin.view.name.TaxonNamePopupEditor.updateAuthorshipFieldData(TaxonNamePopupEditor.java:658) at eu.etaxonomy.cdm.vaadin.view.name.TaxonNamePopupEditor.updateAuthorshipFields(TaxonNamePopupEditor.java:588) at eu.etaxonomy.cdm.vaadin.view.name.TaxonNamePopupEditor.lambda\$13(TaxonNamePopupEditor.java:681) at sun.reflect.GeneratedMethodAccessor199.invoke(Unknown Source) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at com.vaadin.event.ListenerMethod.receiveEvent(ListenerMethod.java:510) ... 98 more</p> <p>Caused by: com.vaadin.data.Property\$ReadOnlyException at com.vaadin.ui.AbstractField.setValue(AbstractField.java:493) at com.vaadin.ui.AbstractField.setValue(AbstractField.java:468) at com.vaadin.ui.AbstractField.setValue(AbstractField.java:453) at eu.etaxonomy.cdm.vaadin.component.common.PersonField.setValue(PersonField.java:280) at eu.etaxonomy.cdm.vaadin.component.common.PersonField.setValue(PersonField.java:1) at eu.etaxonomy.vaadin.component.ToManyRelatedEntitiesListSelect.createFieldsForData(ToManyRelatedEntitiesListSelect.java:270) at eu.etaxonomy.vaadin.component.ToManyRelatedEntitiesListSelect.setInternalValue(ToManyRelatedEntitiesListSelect.java:246) at eu.etaxonomy.vaadin.component.ToManyRelatedEntitiesListSelect.setInternalValue(ToManyRelatedEntitiesListSelect.java:1) at com.vaadin.ui.AbstractField.setPropertyDataSource(AbstractField.java:657) ... 114 more</p>			
Related issues:			
Related to EDIT - feature request #7600: public setters for entity collections		Closed	
Related to EDIT - bug #8217: ToManyRelatedEntitiesComboboxSelect edit button ...		Closed	

Associated revisions

Revision 64bf3ea5 - 11/16/2018 01:09 PM - Andreas Kohlbecker

ref #7910 ToManyRelatedEntitiesListSelect: no longer setting readonly on nested fields

Revision ea92bdaa - 11/16/2018 01:13 PM - Andreas Kohlbecker

History

#1 - 11/15/2018 08:45 AM - Andreas Kohlbecker

- Status changed from New to In Progress

The root of this problem is the Team class in which the setter for members is protected. This causes the PropertyDataSource being readonly due to the missing setter for this bean property.

The TeamOrPersonField already has a hacky workaround to allow modifying the team members anyway:

```
fieldGroup.setItemDataSource(new BeanItem<Team>((Team)newValue)); // <<NEW PROBLEM
boolean readOnlyState = personsListEditor.isReadOnly();
fieldGroup.bind(personsListEditor, "teamMembers");
// here personField is set readonly since setTeamMembers does not exist
personsListEditor.setReadOnly(readOnlyState); // fixing the readonly state
```

But now a ReadOnlyException already occurs at the line marked with // <<NEW PROBLEM if the internal value has been set before

#2 - 11/15/2018 09:38 AM - Andreas Kohlbecker

- Assignee changed from Andreas Kohlbecker to Andreas Müller
- Priority changed from New to Highest
- % Done changed from 0 to 10

The preferred solution to this is making the setTeamMembers() in Team public

Are you ok with this Andreas Müller?

#3 - 11/16/2018 01:04 PM - Andreas Kohlbecker

- Related to feature request #7600: public setters for entity collections added

#4 - 11/16/2018 01:06 PM - Andreas Kohlbecker

- Assignee changed from Andreas Müller to Andreas Kohlbecker
- % Done changed from 10 to 30

I implemented the EntityCollectionSetterAdapter ([#7600](#)) in order to provide a public setter method for teammembers.

The readonly state handling in the TeamOrPersonField needs to be changed afterwards.

#5 - 11/16/2018 01:15 PM - Andreas Kohlbecker

- Status changed from In Progress to Resolved
- Assignee changed from Andreas Kohlbecker to Wolf-Henning Kusber
- % Done changed from 30 to 50

Hallo Henning,

Das TeamOrPersonField sollte nun korrekt funktionieren. Bitte teste verschiedene Varianten durch.

#6 - 11/22/2018 09:26 AM - Andreas Müller

- Subject changed from TeamOrPersonField: readonly exception on binding data to TeamOrPersonField: readonly exception on binding data

#7 - 01/29/2019 07:32 PM - Wolf-Henning Kusber

- Assignee changed from Wolf-Henning Kusber to Andreas Kohlbecker
- % Done changed from 50 to 100

Habe keine Funktionsfehler mehr festgestellt. Kann geschlossen werden.

#8 - 01/30/2019 08:04 AM - Andreas Kohlbecker

- Status changed from Resolved to Closed

#9 - 04/02/2019 02:28 PM - Andreas Kohlbecker

- Related to bug #8217: *ToManyRelatedEntitiesComboBoxSelect* edit button not enabled added