

EDIT - task #8456

FieldUnitDTO: remove newInstanceMethod

08/12/2019 05:31 PM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	New	Due date:	
Assignee:	Katja Luther	% Done:	100%
Category:	cdmlib	Estimated time:	0:00 hour
Target version:	Release 5.10		
Severity:	normal		
Description			
copied from #8414			
FieldUnitDTO providing a newInstance method. This has to be removed:			
<pre>/** * @param fieldUnit */ public FieldUnitDTO(FieldUnit fieldUnit) { super(fieldUnit); } public static FieldUnitDTO newInstance(FieldUnit fieldUnit) { FieldUnitDTO fieldUnitDto = new FieldUnitDTO(fieldUnit); if (fieldUnit.getGatheringEvent() != null) { fieldUnitDto.gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent()); } fieldUnitDto.setRecordBase(fieldUnit.getRecordBasis().getMessage()); fieldUnitDto.setListLabel(fieldUnit.getTitleCache()); return fieldUnitDto; }</pre>			
is this by purpose? To me this looks like an error....			
maybe this can be included into the constructor.			
OccurrenceServiceImpl.assembleFieldUnitDTO(..) is using the constructor and adds the gathering event to the dto which is done in the newInstance method. --> TODO: needs review and harmonization (I think the newInstance Method should be removed completely as it causes confusion)			
Related issues:			
Related to EDIT - task #8425: FieldUnitDTO: remove taxonRelatedDerivedUnits		Closed	
Copied from EDIT - task #8414: occurrence controller code cleaning and harmon...		Closed	

Associated revisions

Revision ed34f59f - 09/17/2019 11:31 AM - Katja Luther

fix #8456: remove newInstance method in FieldUnitDTO

Revision a853ae40 - 09/17/2019 12:19 PM - Katja Luther

fix NPE in FieldUnitDto

History

#1 - 08/12/2019 05:33 PM - Andreas Kohlbecker

- Related to task #8457: FieldUnitDTO: remove taxonRelatedDerivedUnits added

#2 - 08/12/2019 05:35 PM - Andreas Kohlbecker

- Copied from task #8414: occurrence controller code cleaning and harmonization added

#3 - 08/12/2019 05:36 PM - Andreas Kohlbecker

- Related to deleted (task #8457: FieldUnitDTO: remove taxonRelatedDerivedUnits)

#4 - 08/12/2019 05:37 PM - Andreas Kohlbecker

- Related to task #8425: FieldUnitDTO: remove taxonRelatedDerivedUnits added

#5 - 08/12/2019 05:42 PM - Andreas Kohlbecker

- Tracker changed from bug to task

#6 - 08/12/2019 11:36 PM - Andreas Müller

- Assignee changed from Andreas Müller to Katja Luther

- Target version changed from Unassigned CDM tickets to Release 5.10

Passing this ticket to Katja or Patrick as I never worked on/with this class.

Note: syntax of the method name is also not according to our standards. If it stays we should call it "NewInstance"

#7 - 09/17/2019 11:31 AM - Katja Luther

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset [cmlib|ed34f59fbc07b3029f7c6f939d2108fc324a7d08](#).

#8 - 09/17/2019 11:31 AM - Katja Luther

- Assignee changed from Katja Luther to Patrick Plitzner

- % Done changed from 50 to 0

please review

#9 - 09/18/2019 04:08 PM - Patrick Plitzner

- Status changed from Resolved to Feedback

- Assignee changed from Patrick Plitzner to Katja Luther

- % Done changed from 0 to 90

looks fine. Only on question: Why did you remove the null check when creating the GatheringEvent ->

<https://dev.e-taxonomy.eu/redmine/projects/edit/repository/revisions/ed34f59fbc07b3029f7c6f939d2108fc324a7d08/diff>

before:

```
if (fieldUnit.getGatheringEvent() != null){
    fieldUnitDto.gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
}
fieldUnitDto.setRecordBase(fieldUnit.getRecordBasis().getMessage());
fieldUnitDto.setListLabel(fieldUnit.getTitleCache());
```

after:

```
public FieldUnitDTO(FieldUnit fieldUnit) {
    super(fieldUnit);
    gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
    setRecordBase(fieldUnit.getRecordBasis().getMessage());
    setListLabel(fieldUnit.getTitleCache());
}
```

#10 - 09/18/2019 04:30 PM - Katja Luther

Patrick Plitzner wrote:

looks fine. Only on question: Why did you remove the null check when creating the GatheringEvent ->

<https://dev.e-taxonomy.eu/redmine/projects/edit/repository/revisions/ed34f59fbc07b3029f7c6f939d2108fc324a7d08/diff>

before:

```
if (fieldUnit.getGatheringEvent() != null){
    fieldUnitDto.gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
}
fieldUnitDto.setRecordBase(fieldUnit.getRecordBasis().getMessage());
fieldUnitDto.setListLabel(fieldUnit.getTitleCache());
```

after:

```
public FieldUnitDTO(FieldUnit fieldUnit) {
    super(fieldUnit);
    gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
    setRecordBase(fieldUnit.getRecordBasis().getMessage());
    setListLabel(fieldUnit.getTitleCache());
}
```

the null check is now in the gatheringEventDto

#11 - 09/18/2019 04:39 PM - Patrick Plitzner

Katja Luther wrote:

the null check is now in the gatheringEventDto

The parameter gathering is not checked in the newInstance() method.

```
public static GatheringEventDTO newInstance(GatheringEvent gathering){
    GatheringEventDTO dto = new GatheringEventDTO();
    gathering = HibernateProxyHelper.deproxy(gathering);
    if (gathering.getLocality() != null){
```

That code would fail if gathering was null.

#12 - 09/18/2019 04:41 PM - Katja Luther

Katja Luther wrote:

Patrick Plitzner wrote:

looks fine. Only on question: Why did you remove the null check when creating the GatheringEvent ->
<https://dev.e-taxonomy.eu/redmine/projects/edit/repository/revisions/ed34f59fbc07b3029f7c6f939d2108fc324a7d08/diff>

before:

```
if (fieldUnit.getGatheringEvent() != null){
    fieldUnitDto.gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
}
fieldUnitDto.setRecordBase(fieldUnit.getRecordBasis().getMessage());
fieldUnitDto.setListLabel(fieldUnit.getTitleCache());
```

after:

```
public FieldUnitDTO(FieldUnit fieldUnit) {
    super(fieldUnit);
    gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
    setRecordBase(fieldUnit.getRecordBasis().getMessage());
    setListLabel(fieldUnit.getTitleCache());
}
```

the null check is now in the gatheringEventDto

do you have the actual code??

in my repository it looks like this:

```
public FieldUnitDTO(FieldUnit fieldUnit) {
    super(fieldUnit);
    if (fieldUnit.getGatheringEvent() != null){
        gatheringEvent = GatheringEventDTO.newInstance(fieldUnit.getGatheringEvent());
    }
}
```

```
setRecordBase (fieldUnit.getRecordBasis().getMessage());  
setListLabel (fieldUnit.getTitleCache());  
}
```

#13 - 09/18/2019 04:50 PM - Katja Luther

sorry I missed to add the last commit to this ticket.

#14 - 09/18/2019 04:51 PM - Katja Luther

- Status changed from *Feedback* to *Resolved*

- Assignee changed from *Katja Luther* to *Patrick Plitzner*

#15 - 09/18/2019 04:53 PM - Patrick Plitzner

- Status changed from *Resolved* to *Closed*

- Assignee changed from *Patrick Plitzner* to *Katja Luther*

- % Done changed from *90* to *100*

Katja Luther wrote:

sorry I missed to add the last commit to this ticket.

Yes, I just realized that, too.

[cdmlib|a853ae404e985fb1a72c7f1ea1561c01424f603b](#) is missing in this ticket