

## EDIT - bug #9556

### occurrence/{uuid}/fieldUnitDTOs web service adds duplicate units to response

03/25/2021 05:52 PM - Andreas Kohlbecker

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Kohlbecker	<b>% Done:</b>	100%
<b>Category:</b>	cdmlib	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.22	<b>Found in Version:</b>	
<b>Severity:</b>	critical		
<b>Description</b>			
see <a href="http://localhost:8080/occurrence/8585081c-b73b-440b-b349-582845cf3fb4/fieldUnitDTOs.json">http://localhost:8080/occurrence/8585081c-b73b-440b-b349-582845cf3fb4/fieldUnitDTOs.json</a>			
the response data may be filtered with			
<pre>http http://localhost:8080/occurrence/8585081c-b73b-440b-b349-582845cf3fb4/fieldUnitDTOs.json   jq '.'   grep 'XKCD MASKS 2X (Masks)'</pre>			
to see duplicates easily			
<b>Related issues:</b>			
Related to EDIT - bug #9557: implement occurrence/{uuid}/rootUnitDTOs		Closed	
Related to EDIT - task #9253: revise OccurrenceServiceImpl.findFieldUnitDTO(..)		Closed	

#### Associated revisions

##### Revision 3309605f - 03/26/2021 03:55 PM - Andreas Kohlbecker

ref #9556 DerivedUnitFacadeController.doGetFieldObjectMediaDTO() is no longer using loadFieldUnitDTO

##### Revision 5446c6d5 - 03/29/2021 10:45 AM - Katja Luther

ref #9556: remove derivatives from fieldUnitDto in loadFieldUnitDto

##### Revision 6d3c3fa9 - 04/13/2021 01:54 PM - Andreas Kohlbecker

ref #9556 avoiding collection of full derivatives tree in DTOs

##### Revision cc1886a6 - 04/14/2021 01:28 PM - Andreas Kohlbecker

ref #9556 avoiding collection of full derivatives tree in DTOs - bugfix

##### Revision ce564745 - 04/14/2021 05:04 PM - Andreas Kohlbecker

ref #9556 avoiding collection of full derivatives tree in DTOs - using maxdepth parameter

#### History

##### #2 - 03/26/2021 11:59 AM - Andreas Kohlbecker

- Related to bug #9557: implement occurrence/{uuid}/rootUnitDTOs added

##### #3 - 03/26/2021 12:16 PM - Andreas Kohlbecker

This method is kind of misused: After solving [#9557](#) it is only being used by .DerivedUnitFacadeController.doGetFieldObjectMediaDTO() which again is used by the data portal to retrieve the FieldUnit Media.

- First of all this method adds an extra overhead by creating DTOs for all intermediate units which are not being used at all.
- Secondly does this method not deliver media of all FieldUnits, only for the first one that is found, see [#9253](#)

##### #4 - 03/26/2021 12:16 PM - Andreas Kohlbecker

- Related to task #9253: revise OccurrenceServiceImpl.findFieldUnitDTO(..) added

##### #5 - 03/26/2021 12:17 PM - Andreas Kohlbecker

- Related to task #9430: revise OccurrenceServiceImpl.\_findRootUnitDTO(..) supports multiple origin paths added

**#6 - 03/26/2021 02:21 PM - Andreas Kohlbecker**

- Related to deleted (task #9430: revise *OccurrenceServiceImpl.findRootUnitDTO(..)* supports multiple origin paths)

**#7 - 03/26/2021 02:26 PM - Andreas Kohlbecker**

- Status changed from *New* to *Rejected*  
- Target version deleted (Release 5.22)

since the intermediate units are not used at all by consuming methods, they should be skipped completely.

**#8 - 03/26/2021 02:32 PM - Andreas Kohlbecker**

- Status changed from *Rejected* to *Feedback*  
- Assignee changed from *Andreas Kohlbecker* to *Katja Luther*  
- Target version set to *Release 5.22*

reopening this issue since *loadFieldUnitDTO()* is being used in the *Taxeditor*

@Katja: are the derivatives of the *FieldUnitDTO* being used in the *TaxEditor*?

**#9 - 03/26/2021 03:57 PM - Andreas Kohlbecker**

- Category changed from *cdmLib-remote* to *cdmLib*

*DerivedUnitFacadeController.doGetFieldObjectMediaDTO()* is no longer using *loadFieldUnitDTO* see [3309605f](#)  
therefore the *Taxeditor* is the only component which is using this method.

**#10 - 03/26/2021 04:07 PM - Katja Luther**

- Assignee changed from *Katja Luther* to *Andreas Kohlbecker*

Andreas Kohlbecker wrote:

reopening this issue since *loadFieldUnitDTO()* is being used in the *Taxeditor*

@Katja: are the derivatives of the *FieldUnitDTO* being used in the *TaxEditor*?

no, the derivatives are not used in the editor

**#11 - 03/26/2021 04:19 PM - Andreas Kohlbecker**

- Assignee changed from *Andreas Kohlbecker* to *Katja Luther*

so we should modify this service method so that it no longer add the derivatives or is there an alternative service method that can be used instead. In the latter case *loadFieldUnitDTO* could be removed.

**#12 - 03/29/2021 10:46 AM - Katja Luther**

- Assignee changed from *Katja Luther* to *Andreas Kohlbecker*

I removed that the derivatives are added to the *fieldUnitDto* in *loadFieldUnitDto()*.

**#13 - 04/13/2021 04:23 PM - Andreas Kohlbecker**

- Status changed from *Feedback* to *Resolved*  
- % Done changed from 0 to 50

after the [6d3c3fa9](#) which is rather related to *listRootUnitDTOsByAssociatedTaxon()* the web services should no longer include duplicate derivatives

**#14 - 04/13/2021 04:31 PM - Andreas Kohlbecker**

- Status changed from *Resolved* to *Closed*  
- % Done changed from 50 to 100

can be closed now