

EDIT - task #9678

Remove Derived- and FieldUnitFacadeCacheStrategies

06/25/2021 09:52 AM - Andreas Müller

Status:	Closed	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Müller	% Done:	100%
Category:	cdmlib	Estimated time:	0:00 hour
Target version:	Release 5.25		
Severity:	normal		
Description			
Cache strategies for FieldUnits and DerivedUnits are currently using the DerivedUnitFacadeCacheStrategy or DerivedUnitFacadeFieldUnitCacheStrategy.			
This is problematic because			
<ol style="list-style-type: none">1. these cache strategies are only available in cdmlib-service and therefore can be loaded only with workaround within the model classes.2. for units that have data that are against the facade contract an exception is thrown when trying to compute the titleCaches			
We should implement cache strategies within cdmlib-model doing more or less the same as the facade cachestrategies. At some places the code can be much more simple then in the facade as the facade is intened to also be used for writing data which makes it much more complex.			
This ticket is also a prerequisite for implementing the "identityCache" or "shortCache" for SpecimenOrObservationBase.			
Related issues:			
Related to EDIT - feature request #5952: Second cache field for specimen (ide...		Closed	
Related to EDIT - feature request #5951: Add collector, field number and coll...		New	
Related to EDIT - task #9679: Formatter and update script for SpecimenOrObser...		New	
Related to EDIT - bug #8517: SpecimenOrObservation: data from protected title...		Closed	
Related to EDIT - feature request #5575: DNA Sample requires CacheStrategy		Closed	
Related to EDIT - feature request #5573: Cache Strategy for Media Specimen re...		Closed	
Related to EDIT - bug #9683: Auto-initialize root bean		Closed	
Related to EDIT - bug #7904: DerivedUnitFacadeFieldUnitCacheStrategy.getColle...		Closed	
Related to EDIT - feature request #9894: Make primary collector editable for ...		Closed	
Related to EDIT - bug #9978: Change of CacheStrategy from DerivedUnitFacade t...		In Progress	

Associated revisions

Revision bd4c6676 - 06/25/2021 10:21 AM - Andreas Müller

ref #9678 implement cache strategies for field unit and derived unti within cdmlib model

Revision 111967be - 07/02/2021 12:01 PM - Andreas Müller

ref #9678 improve titleGeneration for derived units with empty field units

History

#1 - 06/25/2021 10:04 AM - Andreas Müller

- Related to feature request #5952: Second cache field for specimen (identityCache) added

#2 - 06/25/2021 10:07 AM - Andreas Müller

- Related to feature request #5951: Add collector, field number and collection to specimen search label added

#3 - 06/25/2021 10:12 AM - Andreas Müller

- Related to task #9679: Formatter and update script for SpecimenOrObservationBase short cache added

#4 - 06/25/2021 10:13 AM - Andreas Müller

- Tags set to formatting

#5 - 06/25/2021 10:34 AM - Andreas Müller

- Related to bug #8517: SpecimenOrObservation: data from protected titleCache missig in portal pages added

#6 - 06/25/2021 10:35 AM - Andreas Müller

- Related to feature request #5575: DNA Sample requires CacheStrategy added

#7 - 06/25/2021 10:36 AM - Andreas Müller

- Related to feature request #5573: Cache Strategy for Media Specimen required added

#8 - 06/25/2021 05:51 PM - Andreas Müller

- Tags deleted (formatting)

- Status changed from New to In Progress

Mostly implemented but there is still a test in vaadin that fails due to a lazy initialization exception when calling specimen.getTitleCache().

#9 - 06/28/2021 09:42 AM - Andreas Müller

- Related to bug #9683: Auto-initialize root bean added

#10 - 06/28/2021 09:43 AM - Andreas Müller

- Status changed from In Progress to Resolved

The failing test in vaadin is related to incorrect autoinitialization ([#9683](#)) which is fixed now. So this ticket should be resolved and is up for review.

#11 - 07/01/2021 03:28 PM - Andreas Müller

- Status changed from Resolved to Closed

- % Done changed from 50 to 100

I think we can close this ticket now. Also the failing test in dataportal is fixed now (mediaspecimen are shown there in typification context with short label as the MediaSpecimenDefaultCacheStrategy is used there now, which is correct).

However, we need to adapt all SpecimenOrObservationBase cachestrategies in a way that they have a long version and a short version which is related to the "identityCache" ([#5952](#)).

If anybody wants to review this ticket, please feel free to reopen.

#12 - 07/09/2021 10:00 AM - Andreas Müller

- Related to bug #7904: DerivedUnitFacadeFieldUnitCacheStrategy.getCollectorAndFieldNumber() creates temporary Team objects which can not be garbage collected. added

#13 - 12/08/2021 04:55 PM - Andreas Müller

- Related to feature request #9894: Make primary collector editable for field unit added

#14 - 03/23/2022 09:13 AM - Andreas Müller

- Related to bug #9978: Change of CacheStrategy from DerivedUnitFacade to DerivedUnitDefaultCacheStrategy results in different caches for MediaSpecimen added