

## Edit - feature request #8030

### Cache updater service methods externalized and base class specific

01/29/2019 11:48 AM - Andreas Kohlbecker

<b>Status:</b>	Closed	<b>Start date:</b>	01/29/2019
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Müller	<b>% Done:</b>	100%
<b>Category:</b>	cdm	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release 5.5		
<b>Severity:</b>	normal		

#### Description

copied from [#7874](#)

Generally at the moment I do not fully understand how far we need the lines after line 439. The call

```
entitiesToUpdate.add(entity);
```

is not really required I think as the entities all belong to the session already. If not, are the `.getTitleCache` or `.getAbbrevTitleCache` calls important here? Or can we completely delete this part. If not I wonder why the calls are alternative, e.g. if `olcTitleCache <> newTitleCache` the entity instance of `Team` part is not called anymore. Is this on purpose?

Also the whole method is only called if `entity.isProtectedTitleCache() == false` which might be unwanted e.g. for `Teams`. If the `titleCache` is protected but `nomenclaturalTitleCache` is not protected we may still want to update it.

Generally we need to refactor this part and move away the specific class handling from `IdentifiableServiceBase` (e.g. we could move the update routines to the model classes as the knowledge about the model classes is best here)

#### Related issues:

Related to Edit - feature request #8096: Implement CacheUpdater as long runni...	<b>Resolved</b>	<b>02/13/2019</b>
Copied from Edit - bug #7874: TeamOrPersonBase entity can become unusable due...	<b>Closed</b>	<b>10/26/2018</b>

#### Associated revisions

##### Revision 5d2a77b2 - 02/13/2019 01:20 PM - Andreas Müller

ref #8030 Move cache updating to model classes, no tests yet

##### Revision bfa30d38 - 02/13/2019 02:49 PM - Andreas Müller

ref #8030 add tests for `nameService` (not yet finished) and fixing `updateCache` handling in `TaxonName`

##### Revision e11d18c9 - 02/13/2019 03:51 PM - Andreas Müller

ref #8030 further tests

##### Revision 57d5b579 - 02/13/2019 04:12 PM - Andreas Müller

ref #8030 rename `updateTitleCache` to `updateCaches`

##### Revision 784fe709 - 02/13/2019 04:17 PM - Andreas Müller

ref #8030 rename `updateTitleCacheImpl` to `updateCachesImpl`

#### History

##### #1 - 01/29/2019 11:48 AM - Andreas Kohlbecker

- Copied from bug #7874: `TeamOrPersonBase` entity can become unusable due to replacement of the title caches on using getters added

**#2 - 01/29/2019 04:31 PM - Andreas Müller**

- *Description updated*

**#3 - 02/13/2019 01:19 PM - Andreas Müller**

- *Status changed from New to In Progress*
- *Priority changed from New to Highest*
- *Target version changed from Unassigned CDM tickets to Release 5.5*
- *% Done changed from 0 to 30*

**#4 - 02/13/2019 06:41 PM - Andreas Müller**

- *Status changed from In Progress to Resolved*
- *Assignee changed from Andreas Müller to Andreas Kohlbecker*

I think this is fixed now. Please review.

**#5 - 02/13/2019 06:51 PM - Andreas Müller**

- *Related to feature request #8096: Implement CacheUpdater as long running task with correct progress monitoring added*

**#6 - 02/14/2019 08:56 AM - Andreas Kohlbecker**

- *Status changed from Resolved to Closed*
- *Assignee changed from Andreas Kohlbecker to Andreas Müller*
- *% Done changed from 30 to 100*

review completed, no issues found