EDIT - feature request #6361

[MASTER] Merge all TaxonName classes into 1 class

01/21/2017 11:49 AM - Andreas Müller

Status:	Closed		**Start date:**	
Priority:	New		**Due date:**	
Assignee:	Andreas Müller		**% Done:**	100%
Category:	cdm		**Estimated time:**	0:00 hour
Target version:	CDM UML 4.7			
Severity:	normal			

Description

This gives more flexibility to change name types and reduces class casting overheads and exceptions. At the same time it requires validation for rules that were originally implemented via class hierarchy.

Tasks might be

- Move all functionality from NonViralName to TaxonNameBase #6360
- Create interface for NonViralName #6369
- Remove occurrence of NonViralName in code #6362
- Implement validation rules for NonViralNames
- Do the same for ViralNames
- Do the same for Botanical, Zoological, Bacterial Names
- Do the same for Cultivars
- Make validation framework fully running or implement validation rules as Level1 rules
- Unify CacheStrategies
- Adapt parser if necessary
- Make NomenclaturalCode a type attribute of TaxonName (as IEnumTerm)
- Adapt model to have only one class called TaxonName

Also check occurrence in applicationContext-testWithConfigurableNameCacheStrategyGenerators.xml

Subtasks:

task # 6360: Move NonViralName functionality to TaxonNameBase	**Closed**
task # 6362: Remove occurrence of NonViralName in code	**Closed**
feature request # 6363: Implement validation rules for all names according to their code	**Closed**
task # 6364: Merge viral names and bacterial names into TaxonNameBase	**Closed**
bug # 6365: Merge botanical and zoological names into TaxonNameBase	**Closed**
task # 6366: Merge cultivar names into TaxonNameBase	**Closed**
feature request # 6367: Make NomenclaturalCode an attribute ("type") of TaxonNameBase	**Closed**
feature request # 6368: Merge all TaxonNameBase classes, remove DTYPE, rename table	**Closed**
feature request # 6369: Create interfaces for TaxonName types	**Closed**
task # 6370: Remaining issues to merge all TaxonNameBase subclasses	**Rejected**
bug # 6409: Fix failing Level3 validation in ValidationTest introduced by removing Taxo...	**Closed**
task # 6445: Remove occurrence of NonViralName in external applications (TaxEditor etc.)	**Closed**
bug # 6446: Merge botanical and zoological names into TaxonNameBase in external applica...	**Closed**
task # 6630: Unify TaxonName cache strategies	**Closed**
task # 6671: Remove generics from TaxonName	**Closed**
feature request # 6700: Adapt dataportal to TaxonName model changes	**Closed**
task # 6717: Rename taxonNameBaseTitleCacheIndex and taxonNameBaseNameCacheIndex	**Closed**

Related issues:

Related to EDIT - feature request #6501: Improve validation rules for name types	**New**
Related to EDIT - feature request #6692: Make name types changeable	**Closed**
Related to EDIT - feature request #6691: Implement all name types in NameDeta...	**Duplicate**
Related to EDIT - feature request #6950: Alllow the usage of Viral Names	**New**
Related to EDIT - feature request #6693: Implement missing nomenclatural code...	**Closed**
Has duplicate EDIT - feature request #2949: Simplify TaxonName classes	**Duplicate**

Associated revisions

Revision 507f0758 - 05/09/2017 06:23 PM - Andreas Müller

ref #6361 refactor update script for taxon name merge

Revision 08f2d5e5 - 12/14/2017 03:58 PM - Andreas Kohlbecker

ref #6361 removing TaxonName.DTYPE and Reference.DTYPE

- changing dbscripts/001-cdm.h2.sql
- adapting test data sets

Revision ccee2a99 - 05/12/2018 02:49 AM - Andreas Müller

ref #6361 try to fix LSIDAuthority_namespaces for TaxonName

History

#1 - 01/21/2017 12:13 PM - Andreas Müller

- Has duplicate feature request #2949: Simplify TaxonName classes added

#2 - 01/21/2017 12:20 PM - Andreas Müller

- Description updated

#3 - 01/21/2017 12:26 PM - Andreas Müller

- Description updated

#4 - 01/21/2017 12:26 PM - Andreas Müller

- Description updated

#5 - 01/26/2017 04:24 PM - Andreas Müller

- Description updated

#6 - 01/30/2017 03:54 PM - Andreas Müller

- Target version changed from Unassigned CDM tickets to CDM UML 4.7

#7 - 03/01/2017 02:34 PM - Andreas Müller

- Status changed from New to In Progress

#8 - 06/05/2017 05:05 PM - Andreas Müller

- Related to feature request #6501: Improve validation rules for name types added

#9 - 06/05/2017 05:06 PM - Andreas Müller

- Related to feature request #6692: Make name types changeable added

#10 - 06/05/2017 05:07 PM - Andreas Müller

- Related to feature request #6691: Implement all name types in NameDetailElement added

#11 - 06/05/2017 05:08 PM - Andreas Müller

- Status changed from In Progress to Resolved

#12 - 06/15/2017 04:56 PM - Andreas Müller

- Description updated

#13 - 07/25/2017 08:35 AM - Andreas Müller

- Status changed from Resolved to Closed

#14 - 09/20/2017 06:03 PM - Andreas Müller

- Related to feature request #6950: Alllow the usage of Viral Names added

#15 - 09/21/2017 12:25 PM - Andreas Müller

- Related to feature request #6693: Implement missing nomenclatural codes for name detail element added