

## EDIT - bug #7342

### incomplete bean initialization with specific data causes LIEs

04/04/2018 02:23 PM - Katja Luther

<b>Status:</b>	Worksforme	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Kohlbecker	<b>% Done:</b>	0%
<b>Category:</b>	cdmlib-remote	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>		<b>Found in Version:</b>	
<b>Severity:</b>	critical		
<b>Description</b>			
this has been observed at the salvador portal where a lot of functionality is broken due to LazyInitializationException which happen lately:			
<b>potentially a duplicate of #7331 yet unconfirmed</b>			
<ul style="list-style-type: none"><li>• does not return data for search</li><li>• opening the taxa returns "Taxon does not exist"</li><li>• expand ANGIOSPERMAE in the taxontree does not work, expand GYMNOSPERMAE works, but the children can not be expanded</li></ul>			
<b>affected web service calls with the resulting LazyInitializationException</b>			
<a href="http://api.cybertaxonomy.org/salvador/portal/taxon/find.json?doTaxaByCommonNames=0&amp;doMisappliedNames=0&amp;doSynonyms=0&amp;doTaxa=1&amp;pageNumber=0&amp;pageSize=25&amp;query=A*">http://api.cybertaxonomy.org/salvador/portal/taxon/find.json?doTaxaByCommonNames=0&amp;doMisappliedNames=0&amp;doSynonyms=0&amp;doTaxa=1&amp;pageNumber=0&amp;pageSize=25&amp;query=A*</a>			
<pre>Caused by: org.hibernate.LazyInitializationException: failed to lazily initialize a collection of role: eu.etaxonomy.cdm.model.agent.Team.teamMembers, could not initialize proxy - no Session     at org.hibernate.collection.internal.AbstractPersistentCollection.throwLazyInitializationExcep tion(AbstractPersistentCollection.java:567)     at org.hibernate.collection.internal.AbstractPersistentCollection.withTemporarySessionIfNee ded(AbstractPersistentCollection.java:205)     at org.hibernate.collection.internal.AbstractPersistentCollection.initialize(AbstractPersisten tCollection.java:546)     at org.hibernate.collection.internal.AbstractPersistentCollection.read(AbstractPersistentColle ction.java:133)     at org.hibernate.collection.internal.PersistentList.iterator(PersistentList.java:132)     at eu.etaxonomy.cdm.strategy.cache.agent.TeamDefaultCacheStrategy.getNomenclaturalTitle(TeamDe faultCacheStrategy.java:83)     at eu.etaxonomy.cdm.strategy.cache.agent.TeamDefaultCacheStrategy.getNomenclaturalTitle(TeamDe faultCacheStrategy.java:1)     at eu.etaxonomy.cdm.model.agent.Team.getNomenclaturalTitle(Team.java:261)     at sun.reflect.GeneratedMethodAccessor7586.invoke(Unknown Source)     at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)     at java.lang.reflect.Method.invoke(Method.java:498)     at org.hibernate.proxy.pojo.javassist.JavassistLazyInitializer.invoke(JavassistLazyInitializer .java:79)     at eu.etaxonomy.cdm.model.agent.TeamOrPersonBase_\$\$_jvst73e_61.getNomenclaturalTitle(TeamOrPer sonBase_\$\$_jvst73e_61.java)     at eu.etaxonomy.cdm.strategy.cache.name.TaxonNameDefaultCacheStrategy.getAuthorAndExAuthor(Tax onNameDefaultCacheStrategy.java:260)     at eu.etaxonomy.cdm.strategy.cache.name.TaxonNameDefaultCacheStrategy.getNonCacheAuthorshipCac he(TaxonNameDefaultCacheStrategy.java:202)     at eu.etaxonomy.cdm.strategy.cache.name.TaxonNameDefaultCacheStrategy.getAuthorshipCache(Taxon NameDefaultCacheStrategy.java:176)     at eu.etaxonomy.cdm.strategy.cache.name.TaxonNameDefaultCacheStrategy.getTaggedTitle(TaxonName DefaultCacheStrategy.java:413)     at eu.etaxonomy.cdm.model.name.TaxonName.getTaggedName(TaxonName.java:1427)     at eu.etaxonomy.cdm.remote.json.processor.bean.TaxonNameBeanProcessor.processBeanSecondStep(Ta xonNameBeanProcessor.java:66)     at eu.etaxonomy.cdm.remote.json.processor.bean.TaxonNameBeanProcessor.processBeanSecondStep(Ta</pre>			

```
xonNameBeanProcessor.java:25)
    at eu.etaxonomy.cdm.remote.json.processor.bean.AbstractBeanProcessor.processBean (AbstractBeanProcessor.java:167)
    at net.sf.json.JSONObject._fromBean (JSONObject.java:676)
```

<http://api.cybertaxonomy.org/salvador/portal/taxon/33b0cde7-a693-4dfd-a67d-b6ac52b78742/taxonNodes.json>

```
Caused by: org.hibernate.LazyInitializationException: could not initialize proxy - no Session
    at org.hibernate.proxy.AbstractLazyInitializer.initialize (AbstractLazyInitializer.java:148)
    at org.hibernate.Hibernate.initialize (Hibernate.java:62)
    at eu.etaxonomy.cdm.hibernate.HibernateProxyHelper.deproxy (HibernateProxyHelper.java:58)
    at eu.etaxonomy.cdm.model.common.CdmBase.deproxy (CdmBase.java:306)
    at eu.etaxonomy.cdm.strategy.cache.taxon.TaxonBaseDefaultCacheStrategy.getNameTags (TaxonBaseDefaultCacheStrategy.java:95)
    at eu.etaxonomy.cdm.strategy.cache.taxon.TaxonBaseDefaultCacheStrategy.getTaggedTitle (TaxonBaseDefaultCacheStrategy.java:65)
    at eu.etaxonomy.cdm.model.taxon.TaxonBase.getTaggedTitle (TaxonBase.java:221)
    at eu.etaxonomy.cdm.remote.json.processor.bean.TaxonBaseBeanProcessor.processBeanSecondStep (TaxonBaseBeanProcessor.java:54)
    at eu.etaxonomy.cdm.remote.json.processor.bean.TaxonBaseBeanProcessor.processBeanSecondStep (TaxonBaseBeanProcessor.java:25)
    at eu.etaxonomy.cdm.remote.json.processor.bean.AbstractBeanProcessor.processBean (AbstractBeanProcessor.java:167)
    at net.sf.json.JSONObject._fromBean (JSONObject.java:676)
```

#### Related issues:

Related to EDIT - bug #7331: AdvancedBeanInitializer fails to initialize prop...

**New**

#### Associated revisions

##### Revision c155ce7d - 11/04/2021 12:26 PM - Andreas Müller

ref #7342 add statusNote to taxonNodes init strategy (just in case as locally I got NPE)

#### History

##### #1 - 04/04/2018 02:28 PM - Katja Luther

- Description updated

##### #2 - 04/04/2018 02:32 PM - Katja Luther

for example portal/classification/b010c84d-6049-45f4-9f13-c065101eaa26/childNodesOf/a7d542c5-1ae2-4edd-9f46-445b9b7f6f0c fails with lazyLoadingException - no Session (all clicks for opening a taxon result in LazyInitilisationExceptions)

clicking on ANGIOSPERMAE results in:

"This concept of the taxon ANGIOSPERMAE sec. Berendsohn & al. 2009-2016 is not contained as an accepted taxon in the currently chosen classification, but in this one: Nova Silva Cuscatlanica" but "Nova Silva Cuscatlanica" is the default classification and there is only one classification.

##### #3 - 04/04/2018 02:48 PM - Katja Luther

- Related to bug #7331: AdvancedBeanInitializer fails to initialize properties of preinitialized beans in the graph in very special situations added

##### #4 - 04/05/2018 08:40 AM - Andreas Kohlbecker

- Tags set to salvador

- Subject changed from Salvador portal does not return data to incomplete bean initialization with specific data

- Description updated

- Category set to cdmlib-remote

##### #5 - 04/05/2018 08:51 AM - Andreas Kohlbecker

- Description updated

##### #6 - 04/05/2018 08:57 AM - Andreas Kohlbecker

- Description updated

##### #7 - 04/05/2018 11:46 AM - Andreas Kohlbecker

- Subject changed from incomplete bean initialization with specific data to incomplete bean initialization with specific data causes LIEs

ich habe den cdm-server heute morgen um 2018-04-05 08:51:14 neu gestartet, weil der swap-space wieder mal sehr stark beansprucht war. Vorher hatte ich noch dieses Ticket um Stacktraces ergänzt. Seit dem ist das Problem anscheinend verschwunden.

Tritt das Problem möglicherweise dann auf, wenn der Server zu stark belastet ist?

**#8 - 05/17/2018 02:25 PM - Andreas Müller**

- Target version changed from Release 5.0 to Release 5.1

**#9 - 06/28/2018 12:08 AM - Andreas Müller**

- Target version changed from Release 5.1 to Release 5.2

**#10 - 08/17/2018 03:52 PM - Andreas Müller**

- Target version changed from Release 5.2 to Release 5.3

**#11 - 09/06/2018 08:55 PM - Katja Luther**

- Target version changed from Release 5.3 to Release 5.4

**#12 - 10/23/2018 10:41 AM - Andreas Müller**

- Target version changed from Release 5.4 to Release 5.5

**#13 - 02/19/2019 02:44 PM - Andreas Müller**

- Target version changed from Release 5.5 to Release 5.6

**#14 - 02/19/2019 03:13 PM - Andreas Müller**

- Target version changed from Release 5.6 to Reviewed Next Major Release

**#15 - 11/04/2021 12:28 PM - Andreas Müller**

- Status changed from New to Resolved

- Assignee changed from Katja Luther to Andreas Kohlbecker

- Target version changed from Reviewed Next Major Release to Release 5.45

As I can't reproduce any of the LIEs anymore I suggest to close this ticket as worksforme (and remove target version). Instead reopen new ticket if the problem occurs again.

**#16 - 12/09/2021 10:26 AM - Andreas Kohlbecker**

- Status changed from Resolved to Worksforme

- Target version deleted (Release 5.45)

**Files**

salvador\_portal\_no\_data.png

9.93 KB

04/04/2018

Katja Luther