


IDEA-359612  Created by [Fabien H. Dumay](#) 4 months ago [Visible to issue readers](#)
Updated by IDEA YouTrack Updater 1 day ago



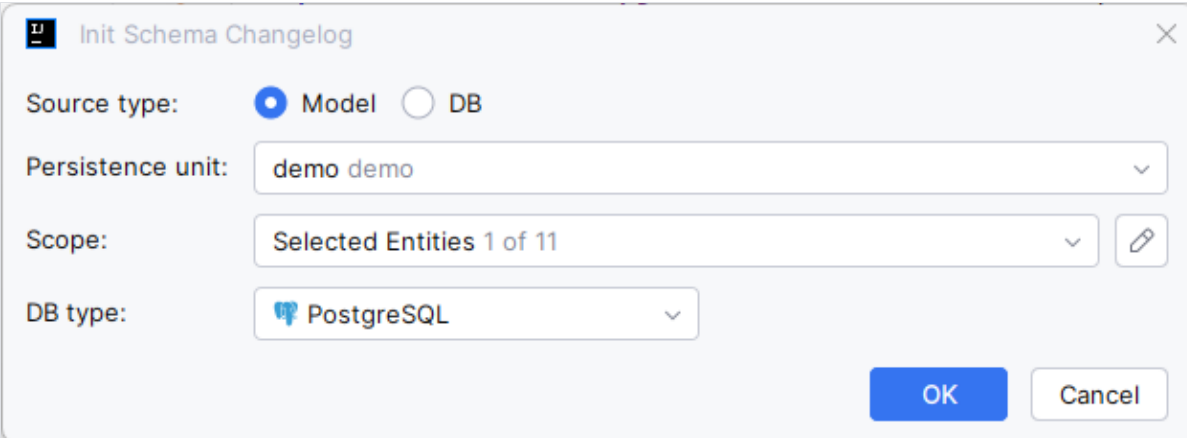
★ Possible issue using Liquibase script generation for entities annotated with @Audited that reference other @Audited entities

Steps to reproduce

1. Create a spring boot 3.3.4 project, using a PostgreSQL database and Liquibase and hibernate envers
2. Create an @Audited entity without reference to another @Audited entity
3. Create an @Audited entity WITH reference to another @Audited entity
4. In the IDE, open entity (2), click (in the gutter) on the database/table icon:

```
20  public class PGNContainer extends StandardEntity<PGNContainer> {
```

and select the option 'Liquibase init ChangeLog'. Fill out the form, and click 'OK':






The dialog box 'Init Schema Changelog' is shown. It has a close button (X) in the top right corner. The 'Source type' section has two radio buttons: 'Model' (selected) and 'DB'. The 'Persistence unit' section has a dropdown menu showing 'demo demo'. The 'Scope' section has a dropdown menu showing 'Selected Entities 1 of 11' and a pencil icon. The 'DB type' section has a dropdown menu showing 'PostgreSQL'. At the bottom right, there are 'OK' and 'Cancel' buttons.

The result is that the Liquibase script is generated, including the audit table.

5. Now, we repeat these steps for entity (3). Follow the same rout as in step 4.

Expected result (*correct result*): **The Liquibase script is generated**

Project	IntelliJ IDEA	
Priority	Normal	N
Type	Usability Problem	
State	Fixed	F
Assignee	Anton Kozub	
Subsystem	Tools. JPA Buddy	
Affected versions	2024.2.2 (242.22855.74)	
Available in	2024.3.2	
Support	Bond Han	
Latest Affected	Not specified	

Actual result (faulty result): We are present with the "Undefined Mapping Detected" dialog:



Environment



OS version: Windows 11

IDE version (you can check via About dialog in the Help or App menu): Build #IU-242.22855.74, built on September 18, 2024



Additional information

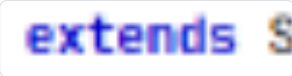
I have created a very basic project on GitHub that was used to provide the information and screen shots for this issue: [oberon-oss/demo](https://github.com/oberon-oss/demo) (github.com)

Inward mentions 2 

- ☆  ~~IDEA-363905~~ Spring Structure: excessive implementation node
- ☆  [IDEA-A-2100662349 IntelliJ IDEA 2024.3.2 \(243.23654.117 build\) Release Notes](#)

Attachments 4



Source type: ☒ Model ☐ DB

Persistence unit: demo (demo)

Scope: Selected Entities 1 of 11

DB type: PostgreSQL

Attribute Type	Target Type	Type Parameter
PGNContainerAudit	com.example.demo.entities	Nothing

idea-logs-2024111
3-12112458... 9 MB



Bond Han Commented 3 months ago

@Fabien H. Dumay Could you please collect "Help | Collect Logs and Diagnostic Data" after a quick reproduction and share the same with us also?



Anton Kozub Commented 3 months ago (edited)

Please share the head (name with annotations) of the class `PGNContainerAudit` and the field in a new entity which refers to it.



YouTrack Workflow Commented 2 months ago

Our team has requested additional information for this ticket which was not provided within 20 days. The ticket is now automatically closed as Incomplete. You can still provide the requested data by leaving a comment and/or attaching a file.



Fabien H. Dumay Commented 2 months ago

@Anton Kozub

There is a `PGNContainer` class, and a `AuditedEntity` class - but i am not sure what you mean with '`PGNContainerAudit`' class ?

All information is present in the demo app i posted on GitHub (<https://github.com/oberon-oss/demo>) should provide all there is.

Perhaps i understood your query incorrectly - if so, can you please clarify ?



Fabien H. Dumay Commented 2 months ago

@Bond Han

Sorry for the very late response - but i just attempted to create the liquibase script (as requested) and added the log information to this ticket.



Anton Kozub Commented about 2 months ago

I found the cause of the problem - our generator cannot resolve a generic type for the

reference column `pgn_container_id` of the audit table `pgn_games_aud` .

I prepared a fix for the 2024.3.2 bug-fix release (January 2025).

[@Fabien H. Dumay](#) as a workaround you can remove `extends StandardEntity` from the `PGNContainer` class and add `id` (and other technical fields) explicitly.