

AF3 Phoenix - Bug #3642

Avoid missing and duplicated IDs

02/18/2019 05:17 PM - Simon Barner

Status:	In Progress	Start date:	02/18/2019
Priority:	Normal	Due date:	
Assignee:	Simon Barner	% Done:	50%
Category:		Estimated time:	0.00 hour
Target version:	Backlog		

Description

The console displays a lot of warnings regarding missing or duplicated IDs:

```
!MESSAGE The following missing/duplicate IDs have been fixed in "AF3-Project3.af3_23".
Please report this incident since it indicates a programming error that could result in corrupted
model files.
Duplicate ID 9 disambiguated for element "org.fortiss.af3.safety.model.annotation.impl.SafetyInt
egrityLevelImpl@3e9053b3 (id: 9, name: null) (safetyStandard: undefined, asilValue: QM, dalValue:
DAL E, silValue: SIL0, undefinedStandardValue: <unset>)"
Missing ID added to element "org.fortiss.af3.safety.model.annotation.impl.SafetyIntegrityLevelIm
pl@4b45016d (id: 0, name: null) (safetyStandard: undefined, asilValue: QM, dalValue: DAL E, silVal
ue: SIL0, undefinedStandardValue: <unset>)"
```

Steps to reproduce

- New Project
- Add new CA
- Add two components
- Save project

Furthermore, similar tests should be preformed with other model elements that carry annotations (e.g., task architecture, allocations, ...)

AF3 Features that rely on IDs

- Model persistence
 - Description: Model elements are referred by ID
 - Entry point: org.fortiss.tooling.kernel.internal.storage.eclipse.ModelContext.doSave()
- Code generation
 - Description:
 - Entry point:
- NuSMV
 - Description:
 - Entry point:
- DSE (Z3)
 - Description:
 - Entry point:
- ??
 - Description:
 - Entry point:

History

#1 - 02/21/2019 04:49 PM - Simon Barner

- File *Migrate_Execution_Configuration.af3_23* added

#2 - 05/13/2019 02:15 PM - Johannes Eder

- Target version changed from AF3 2.15 RC1 (Feature Freeze) to AF3 2.16 RC1 (Feature Freeze)

#3 - 05/24/2019 03:43 PM - Johannes Eder

- Target version changed from AF3 2.16 RC1 (Feature Freeze) to AF3 2.16 RC2 (Tested, Bug-free)

#4 - 07/01/2019 11:42 AM - Simon Barner

- Status changed from New to In Progress
- Target version changed from AF3 2.16 RC2 (Tested, Bug-free) to Team Programming July 2nd 2019
- % Done changed from 0 to 50

#5 - 07/03/2019 10:13 AM - Simon Barner

- Description updated

#6 - 07/03/2019 10:13 AM - Simon Barner

- Description updated

#7 - 09/25/2019 02:45 PM - Simon Barner

- Target version changed from Team Programming July 2nd 2019 to AF3 2.17 (Feature Freeze)

#8 - 03/16/2020 09:31 AM - Johannes Eder

- Target version changed from AF3 2.17 (Feature Freeze) to AF3 2.17 (Tested, Bug Free)

#9 - 05/11/2020 02:37 PM - Johannes Eder

- Target version changed from AF3 2.17 (Tested, Bug Free) to AF3 2.18 - Critical bugs fixed

#10 - 10/27/2020 04:42 PM - Johannes Eder

- Target version changed from AF3 2.18 - Critical bugs fixed to Backlog

Files

Migrate_Execution_Configuration.af3_23	4.3 KB	02/21/2019	Simon Barner
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