

2021-05-28 IISOMI Meeting notes

Date

28 May 2021

Attendees

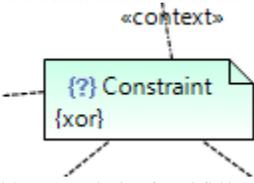
- [Hing-Kam Lam](#)
- [Xiang YUN](#)
- [Italo Busi \(Q14/15\)](#)
- [Scott Mansfield](#)
- [Bernd Zeuner](#)

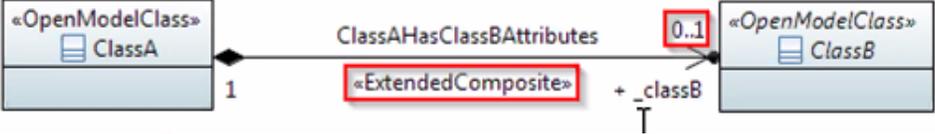
Agenda

- Administrative
 - Call plan (schedule, leader)
 - Review [IISOMI Action Items](#)
- Papyrus-Model2Doc further investigations?
- Handling of the UML YANG Mapping Tool in GitHub - **Still TBD**
- Papyrus 5.0.0 Version
- Property names in UML documentation converted to Yang
- Various issue:
 - GenDoc didn't generate constraint
 - GenDoc didn't generate the Type of pointed external class
 - GenDoc OstigOTpSource txti multiplicity 64 is not generated correctly.
 - ExtendedComposite association end
 - Property names in UML documentation converted to Yang
- Agenda of next call
- AOB

Discussion items

#	Time	Item	Who	Notes
1	5 min	Admin: Call plan	All	04 Jun 2021 CANCELLED 11 Jun 2021 Leader Hing-Kam Lam 18 Jun 2021 Leader Scott Mansfield 25 Jun 2021 Leader Nigel Davis 02 Jul 2021 Leader Bernd Zeuner
2	1 min	Admin: IISOMI Action Items status	All	IISOMI Action Items review (every meeting) Note: <ul style="list-style-type: none">• Do not copy actions from previous minutes, just reference minutes (or add bullet versions of the actions as reminders)• New actions are added to the minutes of the current meeting and dated using the "task list" control Note: Check the action item list and check for tasks that have passed their due date. <ul style="list-style-type: none">• If the due date is past, determine if the issue is still active<ul style="list-style-type: none">• If the task is active, mark the over-due task as completed, and create a new task with a new due date in the minutes• If the task is not active, (i.e. not going to be progressed at this time), simply close the task and make a note in the minutes that the task was closed. Actions discussed <ul style="list-style-type: none">• Moved the deadline of Bernd Zeuner " Update the Modelling Guidelines accordingly" to 11 Jun 2021 as next week the IISOMI call is cancelled.• Scott Mansfield clarifies that <i>Gendoc</i> tool and <i>uml2yang</i> tool are independent issues.<ul style="list-style-type: none">• Scott Mansfield needs some more time to recover the development environment to continue on <i>uml2yang</i> tool improvements.

3		Papyrus-Model2Doc feature	Scott Mansfield	<p>Not discussed on May 21st</p> <p>Scott Mansfield presented the Model2Doc feature from Papyrus</p> <ul style="list-style-type: none"> • still in pre-release state • need to install Model2Doc tool integrated into Eclipse 2021-03 (nightly build) and Papyrus 5.1 (nightly) and Model2Doc (0.8.0 nightly) • requires Java version greater than 11 • creates Word files • need to check if Model2Doc provides at least the functionality of Gendoc • <i>Gendoc does not work with newer Papyrus versions (see below)</i> • Further investigation is required • Work continues to create a model2doc template that produces the same material as the gendoc template (class/attribute /datatype/stereotype etc.) <p>GenDoc no longer work with Eclipse Papyrus 2020-06.</p> <p>Updates on May 28:</p> <ul style="list-style-type: none"> • Scott Mansfield will check whether the current statement in Papyrus Releases is valid, i.e. that Gendoc couldn't work with 2020-12 (4.18) Eclipse release. • Scott Mansfield indicates that in O-RAN they are deprecating Papyrus in favor of direct editing of data models together with PlantUML. 				
4		UML YANG mapping issues and enhancements		<p>Not discussed on May 21st</p> <p>Logged issues: https://github.com/OpenNetworkingFoundation/EagleUmlYang/issues</p> <ul style="list-style-type: none"> • Issue: <ul style="list-style-type: none"> • Feature/when (condition statement); Mandatory/multiplicity; Do not print the <i>blank</i> reference (<i>fixed in Scott's version of the tool</i>) • GitHub issues list: https://github.com/OpenNetworkingFoundation/EagleUmlYang/issues • Finalize discussion on xmi2yang support of ExtendedComposite, StrictComposite • Check enumerations not following guidelines • Management of possible dedicated branch where to store new versions (UML YANG Tool release process) <ul style="list-style-type: none"> • Dedicated call: 				
5		Papyrus 5.0.0 Version		<p>Not discussed on May 21st</p>				
6	49 min	GenDoc Issues	All Hing-Kam Lam	<ul style="list-style-type: none"> • GenDoc didn't generate constraint <ul style="list-style-type: none"> • None of the constraints is retrieved from the model  <ul style="list-style-type: none"> • E.g., • GenDoc didn't generate the Interface definitions <ul style="list-style-type: none"> • None of the Interfaces and its operations are retrieved from the model • GenDoc didn't generate the Type of pointed external (imported) classes <ul style="list-style-type: none"> • External class means a class imported from another model and used as the type of a navigable attribute (association end) <table border="1" data-bbox="673 1203 1154 1312"> <thead> <tr> <th>Attribute Name</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td><u>otuCtpBi</u></td> <td>I ???</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • E.g., • The external model should be imported in a proper way • This is not a GenDoc issue • GenDoc OstigOTtpSource::xti:EByte multiplicity [64] is not generated correctly <ul style="list-style-type: none"> • Solution: <code>[if(p.lower=p.upper)][p.lower/][else][p.lower/].[if(p.upper=-1)]*[else][p.upper/][if/][if]</code> <p><input checked="" type="checkbox"/> Scott Mansfield11 Jun 2021 to look at all GenDoc issues above and try to find solutions</p> <p>Updates on May 28:</p> <ul style="list-style-type: none"> • Scott Mansfield presents some examples of possible output formats of interfaces/operations. • Discussion whether is preferable <ul style="list-style-type: none"> • a top table listing all operations, followed by the tables dedicated to the parameters of each operation, or • interleave the operations and their parameters, i.e. <ol style="list-style-type: none"> 1. operation 1 2. general properties of operation 1 3. table with the parameters of operation 1 4. operation 2 5. etc. • Hing-Kam Lam prefers the top table listing all operations. • Scott Mansfield will take Bernd Zeuner examples to see how the result of interleaving is. • Italo Busi points out that the table with the operation parameters risks to be too dense. <ul style="list-style-type: none"> • We could explore a split of the parameters table with <ol style="list-style-type: none"> 1. table with all parameters and their main characteristics, followed by 2. tables expanding all the other properties of each single parameter • Andrea Mazzini shows an example (from MEF draft) where the template drives an operation format similar to class format. • Agreed to keep the name of the stereotypes in the output format. • No final agreement on a specific format, discussion to be continued. 	Attribute Name	Type	<u>otuCtpBi</u>	I ???
Attribute Name	Type							
<u>otuCtpBi</u>	I ???							

7	5 min	ExtendedComposite association end	All Hing-Kam Lam	 <p data-bbox="532 306 1016 327">_classB should not be defined in an ExtendedComposite association</p> <p data-bbox="532 348 1081 369"><input checked="" type="checkbox"/> Bernd Zeuner04 Jun 2021 Update the Modelling Guidelines accordingly</p>
8		Property names in UML documentation converted to Yang	All Hing-Kam Lam	Not discussed on May 21st
9		Agenda of next call	All	<ul data-bbox="557 516 1024 642" style="list-style-type: none"> • Administrative • Papyrus-Model2Doc further investigations? • Handling of the UML YANG Mapping Tool in GitHub - Still TBD • Papyrus 5.0.0 Version • Property names in UML documentation converted to Yang • Agenda of next call • AOB

Action items

