

2021-06-11 IISOMI Meeting notes

Date

11 Jun 2021

Attendees

- [Hing-Kam Lam](#)
- [Scott Mansfield](#)
- [Italo Busi](#) (ITU-T Q14/15)
- [Xiang YUN](#)

Apology

- [Andrea Mazzini](#)
- [Bernd Zeuner](#)
- [Nigel Davis](#)

Agenda

- Administrative
 - Call plan (schedule, leader)
 - Review [IISOMI Action Items](#)
- Gendoc output for Interfaces and Operations
- 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 OstigOTtpSource 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	1 min	Admin: Call plan	All	18 Jun 2021 Leader Scott Mansfield 25 Jun 2021 Leader Nigel Davis 02 Jul 2021 Leader Bernd Zeuner 09 Jul 2021 Leader ; (Not available: Scott) 16 Jul 2021 Leader ; (Not available: Scott, Italo) 23 Jul 2021 Leader ; (Not available: Scott)
2	4 min	Admin: IISOMI Action Items status	All	IISOMI Action Items review (every meeting) <ul style="list-style-type: none">• NOTE: Administration of IISOMI action items<ul style="list-style-type: none">• New actions are added to the minutes of the current meeting and dated using the "task list" control• Do not copy actions from previous minutes, just add bullet version to reference the source minutes• In every IISOMI meeting, 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. Action item discussed <ul style="list-style-type: none">• Reviewed Scott's action items: The "Constraint" and "xmi2yang" items are recreated. The other items are closed.• Leave Bernd's items as they are due to the unavailability of Bernd for this call.

- Reviewed the generated **Interface and Operation** table from Gendoc

III.1 Interfaces

Qualified Name: `itu-mc-mgmt::Interfaces`

III.1.1 Interfaces

III.1.1.1 AcAction interface

Qualified Name: `itu-mc-mgmt::Interfaces::AcAction`

Description: represents the client context life cycle management actions in administrative context

Table 1 Operations for Interface `AcAction`

Operation Name	Applied Stereotypes	Description
<code>createClientContext</code>	<code>OpenModelOperation</code> • support: MANDATORY	
<code>updateClientContext</code>	<code>OpenModelOperation</code> • support: MANDATORY	
<code>deleteClientContext</code>	<code>OpenModelOperation</code> • support: MANDATORY	
<code>queryClientContext</code>	<code>OpenModelOperation</code> • support: MANDATORY	

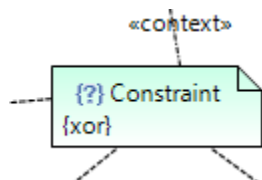
Table 2 Parameters for Operation `createClientContext`

Parameter Name	Type	Direction	Multi.	Applied Stereotypes	Description
<code>testparm1</code>	Integer	in	1	<code>OpenModelParameter</code> • <code>valueRange</code> : no range constraint • support: MANDATORY	

Table 3 Parameters for Operation `deleteClientContext`

Parameter Name	Type	Direction	Multi.	Applied Stereotypes	Description
<code>testparm2</code>	Real	in	1	<code>OpenModelParameter</code> • <code>valueRange</code> : no range constraint • support: MANDATORY	

- Discussed table numbering
 - Table 1 Operation of `AcAction`
 - Table 1.1 Parameters for Operation `createClientContext`
- Discussed case where there is no parameter
 - Still have table for operation which does not have parameter, with a row for heading and the second row with N/A
- Discussed Interface meta data to be displayed in the GenDoc output
 - Qualified name
 - Description
 - Abstract
 - Applied stereotype
- Discussed columns
 - Operation table
 - Parameter table
- Action item recreated: GenDoc didn't generate **constraint**
 - Scott Mansfield 13 Aug 2021 To investigate why none of the constraints is retrieved from the model.



E.g.,

3		Papyrus-Model2Doc feature	Scott Mansfield	<p>May 14: 2021-05-14 IISOMI Meeting notes</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>May 28: 2021-05-28 IISOMI Meeting notes</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. <p>June 11: No discussion</p>
4		UML YANG mapping issues and enhancements		<p>May 14: 2021-05-14 IISOMI Meeting notes</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 (fixed in Scott's version of the tool) • 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: <p>June 11:</p> <ul style="list-style-type: none"> • Action item recreated: Tool improvement <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Scott Mansfield 13 Aug 2021 Scott to improve the tool so that to minimize the manual fix <input checked="" type="checkbox"/> Scott Mansfield 13 Aug 2021 Scott to create a private Github for xmi2yang modification
5		Papyrus 5.0.0 Version		<p>June 11: No discussion</p> <ul style="list-style-type: none"> •
6	49 min	GenDoc Issues	All Hing-Kam Lam	<p>May 14: 2021-05-14 IISOMI Meeting notes</p> <ul style="list-style-type: none"> • GenDoc didn't generate constraint • GenDoc didn't generate the Interface definitions • GenDoc didn't generate the Type of pointed external (imported) classes • GenDoc OstigOTpSource::xtti:EByte multiplicity [64] is not generated correctly • AI (5/28/2021): Scott Mansfield 11 Jun 2021 to look at all GenDoc issues above and try to find solutions <p>May 28: 2021-05-28 IISOMI Meeting notes</p> <ul style="list-style-type: none"> • Discussed possible output formats of interfaces/operations.
7	5 min	ExtendedComposite association end	All Hing-Kam Lam	<p>May 14: 2021-05-14 IISOMI Meeting notes</p> <ul style="list-style-type: none"> • AI (5/28/2021): Bernd Zeuner 04 Jun 2021 Update the Modelling Guidelines accordingly <p>June 11: No discussion</p>
8		Property names in UML documentation converted to Yang	All Hing-Kam Lam	<p>June 11: No discussion</p>
9		Agenda of next call	All	<ul style="list-style-type: none"> • Administrative • Gendoc output for Interfaces and Operations • 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

