

2021-08-20 IISOMI Meeting Minutes

Date

20 Aug 2021

Attendees

- [Hing-Kam Lam](#)
- [Bernd Zeuner](#)
- [Martin Skorupski](#)
- [Alex Stancu](#)
- [Scott Mansfield](#)
- [Italo Busi](#) (ITU-T Q14/15)
- [Xiang YUN](#)

Apologies

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


Agenda

- Administrative
 - Call plan (schedule, leader)
 - Review [IISOMI Action Items](#)
- Extended composition in UML, including object classes and interfaces)
- UML YANG Mapping Tool update
 - O-RAN cooperation
 - Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches
 - How to merge the private GitHub development into the public GitHub (ONF EAGLE)
 - Consider a plan for convergence of ITU-T Q14/15, ONF Common IM and TAPI to [2020-06 \(4.16\)](#) version
- Convention of UML property names in document/comment/description
- Gendoc output for Interfaces and Operations and Association
- Papyrus-Model2Doc further investigations?
- Papyrus 5.0.0 Version (202106)
- Agenda of next call
- AOB

Discussion items

#	Time	Item	Who	Notes
1	5 min	Admin: Call plan	All	<p>27 Aug 2021 Cancelled (Not available: Nigel, Andrea, Italo)</p> <p>03 Sep 2021 Leader: Nigel Davis</p> <p>10 Sep 2021 Leader: Andrea Mazzini (Not available: Bernd)</p> <p>17 Sep 2021 Leader: Scott Mansfield (Not available: Bernd)</p> <p>24 Sep 2021 Leader: __ (Not available: Bernd)</p>
2	20 min	Admin: IISOMI Action Items status	All	<p>IISOMI Action Items review (every meeting)</p> <p>New Action Items</p> <ul style="list-style-type: none">✓ Bernd Zeuner 03 Sep 2021 To update TR-515 (Papyrus Guidelines): Sections 7.4.6 (To add how to auto resize; to add how to use the local stylesheet); 5.2 (To point to the Wiki page for the versions of Eclipse & Papyrus that IISOMI are using); 5.4 (To add the link of the gendoc download site and also the IISOMI latest releases wiki page). To update the IISOMI Tooling wiki page to add the pointers/links to the tools. To update the IISOMI Deliverables wiki page to add (as for information) the pointers/links of the available mapping tools. <p>Refresh Action Items</p> <ul style="list-style-type: none">✓ Scott Mansfield 24 Sep 2021 To take the gendoc examples from the guidelines and perform regression test.✓ Scott Mansfield 24 Sep 2021 To investigate why none of the <<cond>> is retrieved from the model.✓ Scott Mansfield 03 Sep 2021 In the private Github, to tag release numbers to the tool.✓ Hing-Kam Lam 24 Sep 2021 At the meeting, to review ORAN tooling funding status to enable planning for key activities related to guidelines etc. to enable new tooling to be constructed.

3		Extended composition in UML (including object classes and interfaces)	Italo /Kam	<p>Not discussed. Defer to next call</p> <ul style="list-style-type: none"> Extended composition in UML (including object classes and interfaces) <ul style="list-style-type: none"> See 8/16-17 email thread: RE Questions about the extended composition in UML.msg Also look at the 2021-08-13 IISOMI Meeting Minutes on the discussion of how to display Association information using Gendoc <ul style="list-style-type: none"> Two examples <ul style="list-style-type: none"> TapiConnectivity.docx (See section 1.2.2) TapiConnectivitySimple.docx (See section 1.3) Modeling guidelines TR-514 (draft) <ul style="list-style-type: none"> See Figure 5.26 in section 5.4.2.1 for ExtendedComposite information See section 5.4.3 for information on Role Type
4		Convention of UML property names in document/comment /description	Kam	Not discussed.
5		Gendoc output for Interfaces and Operations and Association	All	Not discussed.
6		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> <p>July 9: No discussion</p> <p>July 23: No discussion</p> <p>July 30: No discussion</p> <p>August 6: No discussion</p> <p>August 13: No discussion</p>
7	15 min	Papyrus versions	All	<p>Scott Mansfield clarifies that the more recent versions do not include the "package" (see Papyrus Releases)</p> <ul style="list-style-type: none"> 2021-06 (4.20) version, the Gendoc works on MAC but not on PC, hence there is something not working in the environment. <ul style="list-style-type: none"> Recalled that in the <i>.ini</i> file is possible to address a specific Java version. Agreed that SG15, ONF Core IM and ONF TAPI shall converge on version 2020-06 (4.16) <ul style="list-style-type: none"> Scott Mansfield confirms that moving to 2020-06 (4.16) is not altering the diagrams. Hing-Kam Lam recalls that it is not backward compatible. <p>August 13: Updated Papyrus releases page</p>
8	10 min	Private GitHub	Scott Mansfield	<p>Scott Mansfield clarifies that the <i>private Github for xmi2yang modification</i> is available.</p> <ul style="list-style-type: none"> People interested can ask Scott Mansfield for the access. Andrea Mazzini is starting some tests of Scott Mansfield version of uml2yang tool. The differences between yang modules generated by different tool versions are difficult to be evaluated through simple "diff" feature. <ul style="list-style-type: none"> Scott Mansfield advises to apply <i>pyang</i> and <i>pretty printer</i> to the generated modules, to remove all formal differences (e.g. the order of statements, the blanks/tabs). Nigel Davis and Andrea Mazzini tried to install <i>pyang</i> but unsuccessfully. Scott Mansfield will provide guidance. The target is the alignment of <i>generated</i> Yang modules across different SDOs.

9	40 mins	Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches	Scott Mansfield	<ul style="list-style-type: none"> Currently there are 7 forks of OpenNetworkingFoundation/EagleUmlYang repository:  <ul style="list-style-type: none"> Scott Mansfield clarifies that the Karthik Sethuraman fork is the base of his developments (carried out in his "private" Github). There is an open pull request #15 with some conflicts to be solved. <ul style="list-style-type: none"> Once solved, the main repository OpenNetworkingFoundation/EagleUmlYang (Tapi_v2x branch) will be aligned to Karthik Sethuraman fork. <ul style="list-style-type: none"> This will allow Scott Mansfield future commits on Karthik Sethuraman fork, to make publicly available the tool improvements. Scott Mansfield suggests to add a new branch to OpenNetworkingFoundation/EagleUmlYang and possibly define an Eagle Release.
10		Papyrus 5.0.0 Version		<p>June 11: No discussion</p> <p>July 9: No discussion</p> <p>July 23: No discussion</p> <p>July 30: No discussion</p> <p>August 6: No discussion</p>
11		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::xti: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. <p>July 23: No discussion</p> <p>July 30: No discussion</p> <p>August 6: No discussion</p> <p>August 13: No discussion</p>
12		Agenda of next call	All	<ul style="list-style-type: none"> Administrative <ul style="list-style-type: none"> Call plan (schedule, leader) Review IISOMI Action Items Extended composition in UML (including object classes and interfaces) How to display Association information using Gendoc UML YANG Mapping Tool update <ul style="list-style-type: none"> O-RAN cooperation Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches <ul style="list-style-type: none"> How to merge the private GitHub development into the public GitHub (ONF EAGLE) Consider a plan for convergence of ITU-T Q14/15, ONF Common IM and TAPI to 2020-06 (4.16) version Convention of UML property names in document/comment/description Gendoc output for Interfaces and Operations and Association Papyrus-Model2Doc further investigations? Papyrus 5.0.0 Version (202106) Agenda of next call AOB

Action items

