

# 2021-08-06 IISOMI Meeting Minutes

## Date

06 Aug 2021

## Attendees


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

## Agenda

- Administrative
  - Call plan (schedule, leader)
  - Review [IISOMI Action Items](#)
- UML YANG Mapping Tool update
  - O-RAN cooperation
  - Private GitHub
  - Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches
  - Identify different releases, Release management, and release plan; e.g., current ITU-T Q14/15 version and TAPI version are different
  - How to merge the private GitHub development into the public GitHub (ONF EAGLE)
- 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	13 Aug 2021 Leader: <a href="#">Scott Mansfield</a> (Not available: Andrea) 20 Aug 2021 Leader: <a href="#">Hing-Kam Lam</a> (Not available: Nigel, Andrea) 27 Aug 2021 <b>Cancelled</b> (Not available: Nigel, Andrea, Italo) 03 Sep 2021 Leader: <a href="#">Nigel Davis</a> (Not available: Bernd) 10 Sep 2021 Leader: <a href="#">Andrea Mazzini</a> (Not available: Bernd) 17 Sep 2021 Leader: <a href="#">Scott Mansfield</a>
2	20 min	Admin: <a href="#">IISOMI Action Items</a> status	All	<b><a href="#">IISOMI Action Items</a> review (every meeting)</b>  <b><a href="#">Bernd Zeuner</a></b> closed the following action items: <ul style="list-style-type: none"><li>• 13 Aug 2021 Update the Modelling Guidelines to cover "_classB should not be defined in an ExtendedComposite association (because it is abstract)."</li><li>• 13 Aug 2021 Update the UML guidelines to reflect the agreements on Enum Literals.</li></ul> <b><a href="#">Italo Busi</a></b> with reference to navigable associations, in the UML diagrams shall we show the attribute in the class? <ul style="list-style-type: none"><li>• <b><a href="#">Nigel Davis</a></b> there are two cases:<ul style="list-style-type: none"><li>• The model is defined to specify a management interface: better show the association attribute.</li><li>• The model is defined to specify relationships between classes (conceptual model not oriented to a given implementation): better omit the association attribute.</li></ul></li><li>• <b><a href="#">Andrea Mazzini</a></b> shows an example of TAPI diagram, where association attributes are shown.<ul style="list-style-type: none"><li>• Recalled that the "strict composite" stereotype is deprecated from UML guidelines, leaving only "extended composite" one.<ul style="list-style-type: none"><li>• TAPI still uses "strict composite" because it is necessary for the currently used uml2yang tool version.</li></ul></li></ul></li></ul>
3		Convention of UML property names in document/comment/description	Kam	Not discussed. Deferred to next call.
4		Gendoc output for Interfaces and Operations and Association	All	Not discussed. Deferred to next call.

5		Papyrus-Model2Doc feature	Scott Mansfield	<p><b>May 14: 2021-05-14 IISOMI Meeting notes</b></p> <p>Scott Mansfield presented the Model2Doc feature from Papyrus</p> <ul style="list-style-type: none"> <li>• still in pre-release state</li> <li>• need to install Model2Doc tool integrated into Eclipse 2021-03 (nightly build) and Papyrus 5.1 (nightly) and Model2Doc (0.8.0 nightly)</li> <li>• requires Java version greater than 11</li> <li>• creates Word files</li> <li>• need to check if Model2Doc provides at least the functionality of Gendoc</li> <li>• <i>Gendoc does not work with newer Papyrus versions (see below)</i></li> <li>• Further investigation is required</li> <li>• Work continues to create a model2doc template that produces the same material as the gendoc template (class/attribute/datatype/stereotype etc.)</li> </ul> <p>GenDoc no longer work with Eclipse Papyrus 2020-06.</p> <p><b>May 28: 2021-05-28 IISOMI Meeting notes</b></p> <ul style="list-style-type: none"> <li>• Scott Mansfield will check whether the current statement in <a href="#">Papyrus Releases</a> is valid, i.e. that Gendoc couldn't work with <a href="#">2020-12 (4.18)</a> Eclipse release.</li> <li>• Scott Mansfield indicates that in O-RAN they are deprecating Papyrus in favor of direct editing of data models together with PlantUML.</li> </ul> <p><b>June 11:</b> No discussion</p> <p><b>July 9:</b> No discussion</p> <p><b>July 23:</b> No discussion</p> <p><b>July 30:</b> No discussion</p> <p><b>August 6:</b> No discussion</p>
6	15 min	Papyrus versions	All	<p>Scott Mansfield clarifies that the more recent versions do not include the "package" (see <a href="#">Papyrus Releases</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2021-06 (4.20)</a> 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"> <li>• Recalled that in the <i>.ini</i> file is possible to address a specific Java version.</li> </ul> </li> <li>• Agreed that SG15, ONF Core IM and ONF TAPI shall converge on version <a href="#">2020-06 (4.16)</a> <ul style="list-style-type: none"> <li>• Scott Mansfield confirms that moving to <a href="#">2020-06 (4.16)</a> is not altering the diagrams.</li> <li>• Hing-Kam Lam recalls that it is not backward compatible.</li> </ul> </li> </ul>
7	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"> <li>• People interested can ask Scott Mansfield for the access.</li> <li>• 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"> <li>• 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).</li> <li>• Nigel Davis and Andrea Mazzini tried to install <i>pyang</i> but unsuccessfully. Scott Mansfield will provide guidance.</li> <li>• The target is the alignment of <i>generated Yang</i> modules across different SDOs.</li> </ul> </li> </ul>
8	40 mins	Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks /branches	Scott Mansfield	<ul style="list-style-type: none"> <li>• Currently there are 7 forks of <a href="#">OpenNetworkingFoundation/EagleUmlYang</a> repository:</li> </ul>  <ul style="list-style-type: none"> <li>• Scott Mansfield clarifies that the Karthik Sethuraman fork is the base of his developments (carried out in his "private" Github).</li> <li>• There is an open pull request #15 with some conflicts to be solved. <ul style="list-style-type: none"> <li>• Once solved, the main repository <a href="#">OpenNetworkingFoundation/EagleUmlYang</a> (Tapi_v2x branch) will be aligned to Karthik Sethuraman fork. <ul style="list-style-type: none"> <li>• This will allow Scott Mansfield future commits on Karthik Sethuraman fork, to make publicly available the tool improvements.</li> </ul> </li> <li>• Scott Mansfield suggests to add a new branch to <a href="#">OpenNetworkingFoundation/EagleUmlYang</a> and possibly define an Eagle Release.</li> </ul> </li> </ul>

9		Papyrus 5.0.0 Version		<p><b>June 11:</b> No discussion</p> <p><b>July 9:</b> No discussion</p> <p><b>July 23:</b> No discussion</p> <p><b>July 30:</b> No discussion</p> <p><b>August 6:</b> No discussion</p>
10		GenDoc Issues	All <a href="#">Hing-Kam Lam</a>	<p><b>May 14:</b> <a href="#">2021-05-14 IISOMI Meeting notes</a></p> <ul style="list-style-type: none"> <li>• GenDoc didn't generate constraint</li> <li>• GenDoc didn't generate the Interface definitions</li> <li>• GenDoc didn't generate the Type of pointed external (imported) classes</li> <li>• GenDoc OstdigOTtpSource::xtti:EByte multiplicity [64] is not generated correctly</li> <li>• <b>AI</b> (5/28/2021): <a href="#">Scott Mansfield</a> 11 Jun 2021 to look at all GenDoc issues above and try to find solutions</li> </ul> <p><b>May 28:</b> <a href="#">2021-05-28 IISOMI Meeting notes</a></p> <ul style="list-style-type: none"> <li>• Discussed possible output formats of interfaces/operations.</li> </ul> <p><b>July 23:</b> No discussion</p> <p><b>July 30:</b> No discussion</p> <p><b>August 6:</b> No discussion</p>
11		Agenda of next call	All	<ul style="list-style-type: none"> <li>• Administrative <ul style="list-style-type: none"> <li>• Call plan (schedule, leader)</li> <li>• Review <a href="#">IISOMI Action Items</a></li> </ul> </li> <li>• UML YANG Mapping Tool update <ul style="list-style-type: none"> <li>• O-RAN cooperation</li> <li>• Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches <ul style="list-style-type: none"> <li>• How to merge the private GitHub development into the public GitHub (ONF EAGLE)</li> </ul> </li> <li>• Consider a plan for convergence of ITU-T Q14/15, ONF Common IM and TAPI to <a href="#">2020-06 (4.16)</a> version</li> </ul> </li> <li>• Convention of UML property names in document/comment/description</li> <li>• Gendoc output for Interfaces and Operations and Association</li> <li>• Papyrus-Model2Doc further investigations?</li> <li>• Papyrus 5.0.0 Version (202106)</li> <li>• Agenda of next call</li> <li>• AOB</li> </ul>

## Action items

