

# 2021-10-01 IISOMI Meeting Minutes

## Date

01 Oct 2021

## Attendees

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


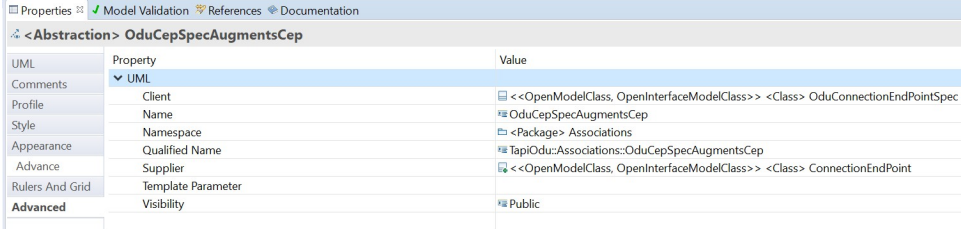
## Agenda

- Administrative
  - Call plan (schedule, leader)
  - Review [IISOMI Action Items](#)
- Feature/condition
- Extended composition in UML (including object classes and interfaces)
- Convention of UML property names in document/comment/description
- Papyrus-Model2Doc further investigations?
- Papyrus Releases
- Private GitHub
- Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches
- Gendoc Issues
  - Gendoc output for Interfaces, Operations, Associations, Abstractions
  - Other Gendoc Issues
- UML YANG Mapping Tool
  - O-RAN cooperation
- Agenda of next call
- AOB

## Discussion items

#	Time	Item	Who	Notes
1	5 min	Admin: Call plan	All	01 Oct 2021 Leader: Bernd (Not available: Nigel, Scott) 08 Oct 2021 Leader: Nigel 15 Oct 2021 Leader: Scott (Not available: Andrea) 22 Oct 2021 Leader: Scott 29 Oct 2021 Leader: Kam (Not available: Andrea) 05 Nov 2021 Leader: Andrea (Not available: Martin) 12 Nov 2021 Leader: ? (Not available: Martin, Bernd)
2	10 min	Admin: <a href="#">IISOMI Action Items</a> status	All	<b><a href="#">IISOMI Action Items</a> review (every meeting)</b>  Action items done <ul style="list-style-type: none"><li>• None</li></ul> Refresh Action Items <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> <a href="#">Nigel Davis</a> 08 Oct 2021 Review proposal for "UML comments often include construct name formatted according to the UML guidelines. When the UML is converted to Yang the construct names are then incorrectly formatted." (in minutes <a href="#">2021-07-30 IISOMI Meeting Minutes</a>).</li><li><input checked="" type="checkbox"/> <a href="#">Scott Mansfield</a> 08 Oct 2021 To take the gendoc examples from the guidelines and perform regression test.</li><li><input checked="" type="checkbox"/> <a href="#">Scott Mansfield</a> 08 Oct 2021 To investigate why none of the &lt;&lt;cond&gt;&gt; is retrieved from the model.</li></ul>

3	15 min	Discussion items in GitHub Issues	<a href="#">Bernd Zeuner</a>	<p>Bernd proposed to capture the discussion items in GitHub Issues than in the IISOMI Meeting Minutes and just provide a link to the GitHub Issue in the minutes. This prevents that the same discussion minutes appear many times in the minutes. Two draft Issues are contained in <a href="https://github.com/samans/iisomi-private/issues/1">https://github.com/samans/iisomi-private/issues/1</a> and <a href="https://github.com/samans/iisomi-private/issues/2">https://github.com/samans/iisomi-private/issues/2</a> and have been presented at the meeting.</p> <p>At the discussion it was pointed out that</p> <ul style="list-style-type: none"> <li>• a private repository is not the appropriate place for the items since not everyone has access to this</li> <li>• the ONF GitHub is publicly available but not all participants are allowed to contribute to it</li> <li>• there is no single ONF repository which could host such Issues; IISOMI is spread over many repositories</li> <li>• it might be possible to cover the discussions in Wiki pages</li> <li>• new discussions should be captured in the Meeting Minutes and then copied to the Wiki pages</li> </ul> <p><input checked="" type="checkbox"/> Bernd Zeuner 08 Oct 2021 Draft an example Wiki page that capture an discussion item</p>
3		Feature/condition	<a href="#">Andrea Mazzini</a>	<p><a href="https://github.com/samans/iisomi-private/issues/1">https://github.com/samans/iisomi-private/issues/1</a></p> <p>Andrea highlighted the need to use yang feature/condition capabilities. MEF are planning on introducing updates to TAPI to allow isolation of specific MEF relevant parts.</p> <p>There was a brief related non-IISOMI discussion on interworking between ONF TAPI and MEF.</p> <p>There is a need for tooling support.</p> <p><b>September 24, October 1:</b> No discussion</p>
4	10 min	Extended composition in UML (including object classes and interfaces)	<a href="#">Italo Busi</a> <a href="#">Hing-Kam Lam</a>	<p><a href="https://github.com/samans/iisomi-private/issues/2">https://github.com/samans/iisomi-private/issues/2</a></p> <p>Not discussed. Defer to next call</p> <ul style="list-style-type: none"> <li>• Extended composition in UML (including object classes and interfaces) <ul style="list-style-type: none"> <li>• <a href="#">See 8/16-17 email thread: RE Questions about the extended composition in UML.msg</a></li> </ul> </li> <li>• Also look at the <a href="#">2021-08-13 IISOMI Meeting Minutes</a> on the discussion of how to display Association information using Gendoc <ul style="list-style-type: none"> <li>• Two examples <ul style="list-style-type: none"> <li>• <a href="#">TapiConnectivity.docx</a> (See section 1.2.2)</li> <li>• <a href="#">TapiConnectivitySimple.docx</a> (See section 1.3)</li> </ul> </li> <li>• <a href="#">Modeling guidelines TR-514 (draft)</a> <ul style="list-style-type: none"> <li>• See Figure 5.26 in section 5.4.2.1 for ExtendedComposite information</li> <li>• See section 5.4.3 for information on Role Type</li> </ul> </li> </ul> </li> </ul> <p><b>September 7, 24:</b> No discussion</p> <p><b>October 1:</b></p> <p>Agreement: Extended composition should also be available for Interfaces and Signals.</p> <p>Question: Can one extension class (Class, Interface, Signal) extend more than one base class (Class, Interface, Signal)? Yes</p> <p><input checked="" type="checkbox"/> Italo Busi 08 Oct 2021 To verify and confirm that an "Extended composition" can also be used with Interfaces and Signals.</p>
5	10 min	Convention of UML property names in document/comment/description	<a href="#">Hing-Kam Lam</a>	<p><b>September 7, 24:</b> No discussion</p> <p><b>October 1:</b></p> <p>Mentioning of UML artefact names (UCC) in YANG descriptions creates problems. E.g., TerminationPoint (object class) is converted in YANG to termination-point (statement) but if "TerminationPoint" appears in the related YANG description it remains TerminationPoint.</p> <p>Agreement: The Mapping Tool should convert also the artefact names within the descriptions to YANG style (i.e., kebab-case). The list of names to be converted in the descriptions is limited to the UML artefact names.</p> <p><input checked="" type="checkbox"/> Bernd Zeuner 15 Oct 2021 Update the Mapping Guidelines with a rule that artefact names within the descriptions should be converted to YANG style.</p>
6		Papyrus-Model2Doc feature	<a href="#">Scott Mansfield</a>	<p><b>May 14: 2021-05-14 IISOMI Meeting notes</b></p> <p><a href="#">Scott Mansfield</a> 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>• <a href="#">Scott Mansfield</a> 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>• <a href="#">Scott Mansfield</a> indicates that in O-RAN they are deprecating Papyrus in favor of direct editing of data models together with PlantUML.</li> </ul> <p>...</p> <p><b>September 7, 24, October 1:</b> No discussion</p>

7	Papyrus Releases	All	<p>Consider a plan for convergence of ITU-T Q14/15, ONF Common IM and TAPI to <a href="#">2020-06 (4.16)</a> version</p> <p><b>September 24:</b> Reaffirmed the need to explore 2020-06 (4.16) release</p> <p><b>October 1:</b> No discussion</p>
8	Private GitHub	<a href="#">Scott Mansfield</a>	<p>Just for information; was not discussed <b>October 1:</b></p> <p><a href="#">Scott Mansfield</a> created <a href="#">reengineer-private</a> Github repository and added the reengineered IEEE and IETF YANG models from February 12, 2020 to it. People interested can ask <a href="#">Scott Mansfield</a> for the access.</p>
9	Cleanup of the existing public GitHub (ONF EAGLE), rationalize the forks/branches	<a href="#">Scott Mansfield</a>	<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><a href="#">Scott Mansfield</a> clarifies that the <a href="#">Karthik Sethuraman</a> 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 <a href="#">Karthik Sethuraman</a> fork. <ul style="list-style-type: none"> <li>This will allow <a href="#">Scott Mansfield</a> future commits on <a href="#">Karthik Sethuraman</a> fork, to make publicly available the tool improvements.</li> </ul> </li> <li><a href="#">Scott Mansfield</a> suggests to add a new branch to <a href="#">OpenNetworkingFoundation/EagleUmlYang</a> and possibly define an Eagle Release.</li> </ul> </li> </ul> <p><b>September 7:</b> No discussion</p> <p><b>September 24:</b> <a href="#">Scott Mansfield</a> clarifies that without the involvement of key folks with authority on Github no progress can be performed. No administrators appear for ONF EAGLE Github.</p> <p><b>October 1:</b> No discussion</p>
10	GenDoc Issues	All <a href="#">Hing-Kam Lam</a>	<p><b>GenDoc output for Interfaces, Operations, Associations, Abstractions</b></p> <p>How to dump endpoints of abstractions?</p>  <p><a href="#">Italo Busi</a> Dump of Realizations possible?  <a href="#">Andrea Mazzini</a> Given that <i>Interface Realizations</i> are dumped as <i>Abstractions</i>, maybe this is valid also for <i>Realizations</i>.</p> <p><b>Other GenDoc Issues</b></p> <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 OstigOTtpSource::txti:EByte multiplicity [64] is not generated correctly</li> <li>AI (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>September 7, 24, October 1:</b> No discussion</p>

11	10 min	UML YANG Mapping Tool	<a href="#">Martin Skorupski</a>	<p><b>O-RAN cooperation</b></p> <p><b>October 1:</b></p> <p>O-RAN policy has changed collaboration rules. (O-RAN Alliance is registered in Germany)</p> <p><input checked="" type="checkbox"/> <a href="#">Martin Skorupski</a> 15 Oct 2021 check with O-RAN the tooling funding status.</p>
12		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>• Discussion items in Wiki pages</li> <li>• Feature/condition</li> <li>• UML YANG Mapping Tool update <ul style="list-style-type: none"> <li>• O-RAN cooperation</li> </ul> </li> <li>• Papyrus-Model2Doc further investigations?</li> <li>• Papyrus Releases <ul style="list-style-type: none"> <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>• Private GitHub</li> <li>• Public GitHub</li> <li>• Gendoc Issues <ul style="list-style-type: none"> <li>• Gendoc output for Interfaces, Operations, Associations, Abstractions</li> </ul> </li> <li>• Agenda of next call</li> <li>• AOB</li> </ul>

## Action items

