

Guidelines and Tooling Discussion Items

Updated on 23 Dec 2021

This area contains the discussion items regarding guidelines and tooling. Items are numbered in the table below and constantly updated.

An item is "closed" when a solution is described and agreed.

#Item	Date	State	Tool	Description	Possible Resolution	Reporter	Rough Effort estimation
1	03 Dec 2021	Closed	UML to YANG	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 (see 2021-07-30 IISOMI Meeting Minutes).	<p>Current state: The Yang has UML formatted names in it. The user is required to simply deal with this. There have not been any specific complaints, but clearly the comments are confusing. It may be beneficial to add notes to the read-me or similar to explain the formatting transition.</p> <p>The 'description' text often includes names of properties, classes etc. that are in 'camel case' as opposed to 'hyphen-case' as used for yang labels. The names can be converted by simply ensuring the first letter is lower case and that any intermediate upper case letters are turned into lower case preceded by a hyphen, e.g.:</p> <ul style="list-style-type: none">HyphenCase hyphen-case	Andrea Mazzini	(done)
2	03 Dec 2021	Open	Gendoc	Abstractions: How to dump the properties.	<ul style="list-style-type: none">Andrea was able to print the target string, but not the other properties like "client" and "supplier". Followed similar approach to the "member-end" of the associations, without success.<ul style="list-style-type: none">Probably need to review the UML metadata.	Andrea Mazzini	small
3	03 Dec 2021	Open	UML to YANG	Abstractions: The stereotype "Cond" is not managed, should be translated into "if-feature" statement.	<p>For further study. Other enhancements are necessary, i.e. the management of logical expressions, e.g.:</p> <ul style="list-style-type: none">if-feature "single-node-management or full-topology-management";	Martin Skorupski	medium
4	23 Dec 2021	Open	YANG to OAS	The identities are lost in translation.	Agreed that the only solution is an enhancement of the tool (see 2021-11-30 TAPI Meeting Notes)	Nigel Davis	medium
5	23 Dec 2021	Open	UML to YANG	The tool does not manage the inter-module identities, e.g. does not insert the "base" statement: identity OTN_ALARM_CONDITION_NAME { base tapi-common: ALARM_CONDITION_NAME; description "none"; }	Enhancement of the tool? See also otcc2021.AM.003_TAPI-uml2yangToolVersions.pptx	Martin Skorupski	small