

Qcw related Maintenance Items

May 2022 Interim Session (Electronic) – YANGsters

12 May 2022

Scott Mansfield (Ericsson)

Keeping YANG current

- There are many YANG projects running currently
- We are currently not leveraging a revision control system to manage merging different “branches” as YANG projects are completed
 - That issue is for another day
- Scenarios
 - Common files being updated
 - Common files being updated by more than one in-flight project concurrently
 - Published files being updated
 - A roll-up occurs that does not include all maintenance items from unfinished amendments
 - Etc.
- The issue we are talking about today is related to a roll-up that will not include all the maintenance items from an unfinished amendment

Q-Rev and Qcw

- Q-Rev is almost done
- Qcw is held up waiting for Q-Rev. It is also behind Qcz in the process
- There are two maintenance items that have been implemented in Qcw that affect files that are part of the Q-Rev roll-up
- Items
 - <https://www.802-1.org/items/380>
 - <https://www.802-1.org/items/346>
- Files that need modifications are
 - ieee802-dot1q-bridge.yang
 - ieee802-dot1q-pb.yang

Impact on Q-Rev

- There are new leafs, descriptions, and Xpath statements
- There would be
 - UML updates
 - Tree updates
 - YANG file updates
- Validation of the YANG package would have to be done
- While I think that the updates/corrections in Qcw are acceptable, they haven't passed a sponsor ballot yet
- Therefore
 - It was agreed in the Maintenance TG to let Q-Rev finish and apply the Qcw changes to other in-flight projects and then propagate as the text if balloted.
 - Propose that YANGsters agree with this recommendation.