

1 Attendance and affiliation

[Provided by 802.1 Secretary in Working Group minutes.]

1.1 YANGsters

The acting YANGsters Chair, Stephan Kehrer, presided and wrote the minutes.

Additionally to the participants listed in section 1 who registered in IMAT, the following individuals also participated:

Monday 15 July 2019

6:05 PM (call to order by the YANGsters Chair) to 7:10 PM

The YANGsters Chair presented the IEEE-SA PatCom Patent Slides for Standards Development Meetings <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>, the IEEE 802 Participation slide <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0093-05-0PNP-ieee-802-participation-slide-ppt.ppt>, and made the “Call for Potentially Essential Patents”. There were no responses to the call prior to the end of the week’s meeting.

The YANGsters Chair presented the agenda in <http://www.ieee802.org/1/files/public/docs2019/yangsters-smansfield-meeting-23-agenda-0719r2.pdf>.

Disposition: The agenda was reviewed, discussed and approved.
A topic was added to provide an overview over a tool called Yuma123.

The YANGsters chair presented an overview over the *current IEEE YANG Work* and showed the YANG modules currently existing on the GitHub repository as well as the current structure that is used there. It was pointed out that all YANG files that are touched by a project need to be located in the respective subdirectory of the project.

Disposition: The table (slide 3) needs to be updated to include the `ieee802-dot1qats.yang` module located in the `.1Qcr` directory.

The YANGsters chair gave a *YANG Catalog GithubUpdate* and showed the structure currently implemented in the catalog.

Disposition:

The YANGsters chair gave an overview on the topic of *Git Commands* that are useful and should be used by editors working with YANG and the Github repository. Several sets of commands for working with Github were provided and will be provided on the 802.1 Website YANGsters page.

Disposition: Add scripts to YANGsters wiki

The YANGsters chair gave a *YANG Catalog Meta-Data Update*. An overview over the different pieces of metadata was provided along with information how the metadata should be filled in. Relevant pieces of metadata are: reference, author-email, document-name, module-classification and maturity-level.

Disposition: Provide discussion on mailing list if any opinions related to more granular maturity-level values.

The YANGsters chair started a discussion on *Diagramming Conventions* that are suggested to be used for UML documents that are drawn for the use in 802.1 projects.

Disposition: The YANGsters group agreed that diagrams in 802.1 projects should use a consistent way how to draw UML diagrams.

The YANGsters Chair summarized information about the *IETF EtherTypes*. The IETF EtherTypes module currently contains a sentence indicating that the IETF EtherTypes module is intended to be used 'till such time as the IEEE takes up the task of publication of the model that defines those EtherTypes'. As a solution to the ongoing discussion and the problem with the fact that no IEEE EtherTypes module currently exists the suggestion was brought up to start a PAR within 802.1 to write an IEEE 802.1 EtherTypes module.

Disposition: YANGsters suggest to start the PAR as soon as possible and intend to have a motion at the July plenary to authorize the group to work on the PAR and CSD and precirculate it.

The YANGsters chair gave a brief overview and information on the regular YANGsters monthly calls. The motion for the closing plenary was shown.

Disposition: Make the motion for the continuation on the monthly YANGsters calls

A.O.B.

Don Fedyk gave an overview over Yuma123 (http://yuma123.org/wiki/index.php/Main_Page), an open source tool for running and verifying YANG modules. It provides a CLI interface to run commands on these modules. To create tables and so on, the corresponding commands have to be entered. It is suggested to script this for regular commands for ease of use. Currently the tool can only display read-write objects because it lacks the means to fill read-only objects with values. It is able to correctly use conditional objects. It was suggested that it would be helpful to provide a VM-image that contains Yuma123 and other useful YANG tools like pyang to make it easier for people working with YANG to use them.

Disposition: The tool seems very useful for people working with YANG. It would be a good idea to put up corresponding information on the 802.1 YANGsters webpage.

TODOs:

- Have a motion to authorize 802.1 to work on PAR and CSD for the EtherTypes project and precirculate it to the EC at the closing plenary of this July Plenary Meeting.