

YANGster Meeting #14

Participants have a duty to inform the IEEE

- Participants **shall** inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants **should** inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential
Essential Patent Claims is encouraged**

Ways to inform IEEE

- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

Other guidelines for IEEE WG meetings

- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
 - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
 - Don't discuss specific license rates, terms, or conditions.
 - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
 - Technical considerations remain the primary focus
 - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
 - Don't discuss the status or substance of ongoing or threatened litigation.
 - Don't be silent if inappropriate topics are discussed ... do formally object.

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and
Antitrust and Competition Policy: What You Need to Know at
<http://standards.ieee.org/develop/policies/antitrust.pdf>

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- ***IEEE-SA Standards Board Bylaws***
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- ***IEEE-SA Standards Board Operations Manual***
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at
<http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA
Standards Board Patent Committee
Administrator at patcom@ieee.org**

Agenda Meeting #14

- | IPR Call
 - | No Response
- | Introduction
- | Compiler Errors
- | Oslo Interim Recap
- | Repository Guidelines
- | Liaison BBF
- | Tools
- | Administrative

Introduction

Monthly YANGster Calls

- | [Meeting Notes Found on YANGster Home Page](#)
- | [Call Information](#)
 - | 31 October

Monthly Coordination Calls ITU-T / IEEE

- | ITU-T – IEEE YANG Modeling Coordination calls that happen every third Monday of the month.
 - | Dates: No more calls until after the SG-15 Plenary
 - | Time: 2:00 PM - 3:00 PM CET
 - | URL: Join meeting at <https://global.gotomeeting.com/join/570415269>

Compiler Errors

Mark's Update

802.3

- | Link OAM module – compiler issue yangdump-pro (used in the yang catalog tooling)
- | Warnings on revisions – 802.3 doesn't want to add at this time

802.1

- | 802.1q-ats module
 - | Mandatory object error
- | 802.1AB-lldp module
 - | Warning iana-if-type is not used, but it is there – problem in yangdump-pro

Oslo Recap

- | Repository Discussion
- | Clarification of Git Terminology
- | Discussed GitHub Readme files
- | Discussed various mechanism to interact with the YANG Catalog and the YANG Catalog's github repository
- | Bottom Line:
 - | Use existing YANG catalog github repository, avoid changing the agreements with IEEE Legal

Repository Guidelines

- | Discussion document for use of GitHub (YANG Catalog) in the IEEE
- | <https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-repository-guidelines/>
- | Use text in document above as basis for new readme files in the GitHub IEEE tree.
- | Action on Team: Please comment!

Other Notes

| Git Notes

- | <http://www.ieee802.org/1/files/public/docs2018/yangsters-smansfield-git-notes-0918-v01.pdf>

| GitHub Readme

- | <http://www.ieee802.org/1/files/public/docs2018/yangsters-smansfield-github-readme-0918-v02.pdf>

| Naming Guidelines

- | https://1.ieee802.org/?page_id=723

Liaison from BBF

- | Provided a link to their YANG Best Practices
 - | <http://www.ieee802.org/1/files/public/docs2018/liaison-BBF-207-Sharing-OD-360-0818.pdf>
- | Action
 - | Review and potentially comment and/or adopt

IETF Work on ethertypes

- | <https://tools.ietf.org/html/draft-ietf-netmod-acl-model-19>
- | The IETF has created an ethertypes YANG module to use until the IEEE module is published.
- | From A.3:
 - | The ACL module is dependent on the definition of ethertypes. IEEE owns the allocation of those ethertypes. This model is being included here to enable definition of those types till such time that IEEE takes up the task of publication of the model that defines those ethertypes. At that time, this model can be deprecated.
- | Action: Review and comment
 - | Marc's script that runs against the <http://standards-oui.ieee.org/ethertype/eth.txt>
 - | Before Bangkok, discuss with RAC
 - | Background: <http://www.ieee802.org/1/files/public/docs2017/yang-mholness-YANG-ethertype-1117-v01.pdf>
 - | Descriptive name, description, and reference are not available in the eth.txt file.

Naming Actions

- | 802.3.2 has gone to sponsor ballot
 - | The initial Sponsor ballot has opened on IEEE P802.3.2 (IEEE 802.3cf)/D3.0 with a ballot close date of Thursday 18th October 2018 23:59 ET
 - | Scott to submit comments to 802.3.2 YANG
 - | To update the name of the files to change ethernet to dot3

YANG Catalog Guidance Considerations

From Rodney:

I used the IEEE 802 namespace for the experimental modules that I uploaded, and that was a mistake. Experimental modules are not intended to be shipped in a product, but if that happens, it is important to avoid the IEEE 802 namespace.

In the future, I intend to use a vendor namespace for my individual contributions. As for where I upload, I'll ask myself two questions:

Do I intend for the module to be used as the basis for a future 802.1 project that has yet to be approved (i.e. no PAR exists)?

Do I intend to ship a product with the module?

If the answers are Yes and No respectively, I'll upload to:

<https://github.com/YangModels/yang/tree/master/experimental/ieee/802.1>

Otherwise, I'll upload to: <https://github.com/YangModels/yang/tree/master/vendor>

Suggestion: Capture this on the YANGsters page for guidance....

Action: Add a version of this guidance to the YANGsters page

Tools

- | Discussion on Lint
- | Pyang – yang2dsdl
 - | <https://github.com/mbj4668/pyang>
- | Libyang – yanglint
 - | <https://github.com/CESNET/libyang>

Actions

Scott

- | Comment on 802.3.2 related to module naming
- | Bangkok agenda to include a cross working group meeting
- | Prepare Repository Guidelines Document that include the process for using the YANG Catalog's GitHub and instructions/documentation for IEEE Editors
- | Provide a YANG Guidelines document based on input from IETF and BBF and provide initial suggestions for discussion
- | Prepare an overview presentation that brings together the material on YANG guidance for the IEEE

Glenn

- | Clarify and engage in the IETF's work on a substitute IEEE ethertypes YANG module

Everyone

- | Review the BBF Liaison and share thoughts on the YANGsters list
- | Review the draft of the Repository Guidelines Document and share thoughts on the YANGsters list

Administrative

- | Website

- | <http://1.ieee802.org/yangsters/>

- | Mailing List

- | STDS-802-YANG@listserv.ieee.org

Upcoming Meetings

- | 802 Plenary
 - | Bangkok Thailand 10-15 November 2018

Upcoming YANGsters Calls

- | Last Wednesday of every month from 9AM (US-Eastern) to 10AM (US-Eastern)
- | Next Call are:
 - | 31 October 2018
- | Web conference: <https://join.me/ieee802.1>
- | Phone numbers: <https://join.me/intphone/684-645-640>
- | By phone:
 - | United States – San Francisco, CA +1.415.594.5500
 - | Canada – Ottawa +1.613.699.9318
 - | Germany – Frankfurt +49.69.9753.3131
 - | Hungary – Budapest +36.1.700.8899
 - | China – Beijing +86.10.8783.3389
 - | United Kingdom – National +44.33.0088.2634
- | Access Code 684-645-640#
- | Request for more calls at the July Plenary Session

Attendees

Meeting Attendees:

- | Stephen Bush (GE)
- | Karthik Chandra Bose (Nokia)
- | Weijing Cheng (Coriant)
- | Paul Congdon (Tallac)
- | Rodney Cummings (NI)
- | Mark Ellison (Independent)
- | Xiaojing Fan (Fujitsu)
- | Marc Holness (Ciena)
- | Stephan Kehrer (Hirshmann)
- | Scott Mansfield (Ericsson)
- | Glenn Parsons (Ericsson)
- | Duane Remein (Huawei)
- | Jessy Rouyer (Nokia)
- | Rami Vishnu (Self – individual)
- | Rob Wilton (Cisco)
- | William Zhao (Siemens)
- | Yan Zhuang (Huawei)