Git Notes

September 2018 Interim Meeting in Oslo, Norway

IETF YANG Catalog

- Assumption – It is desirable for the IEEE YANG work to participate in the YANG Catalog work

  - https://yangcatalog.org/

- The YANG Catalog uses Git/GitHub for the repository

  - https://github.com/YangModels/yang

IEEE

Two Parts

- There is the YANG Catalog Part
  - This is required to be part of the YANG Catalog
    - https://www.yangcatalog.org/contribute.php
  - Provides meta-data and tools related to YANG
- And
- There is a YANG Repository Part
  - This is the focus of this discussion

IEEE

Terminology

- Apologies for git terminology confusion

- Clarified Terminology
    - The YANG Catalog repository uses "git" and hosted on "github"
    - There is one repository and one branch (master)
    - There is a directory structure in the repository that provides the way files are organized by participating organization

IEEE

IEEE directory structure

- The IEEE has two sub-directories
  - https://github.com/YangModels/yang/tree/master/standard/ieee
  - And
  - https://github.com/YangModels/yang/tree/master/experimental/ieee

- Discussions we have had on YANGsters calls indicate a preference to follow the examples from the IETF and BBF so the following slide provides the details on how to restructure the directories

◆IEEE

IEEE Structure

- ## For experimental
    - https://github.com/YangModels/yang/tree/master/experimental/ieee
        - and no further structure mandated
- ## For standard
    - https://github.com/YangModels/yang/tree/master/standard
        - ./draft
            - ./802
            - ./802.[1|3|11]
        - ./published
            - ./802
            - ./802.[1|3|11]

Actions

- I need to update various descriptions to take out the "branch" terminology, because the YANG Catalog repository doesn't use branches for the various SDOs. There is only one master branch and a hierarchical structure.

◆IEEE

Interacting with the YANG Catalog Repository

- https://github.com/YangModels/yang#contribution-procedures
  - Provides to suggested mechanisms
  - One is Direct Contributions to the master
  - The other is using Submodules
- Also need to deal with the YANG Catalog meta-data (if we want the modules to be searchable from the YANG Catalog)
  - https://www.yangcatalog.org/contribute.php

IEEE