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
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
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 directory structure

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

- 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 Structure

For experimental

  - and no further structure mandated

For standard

- [https://github.com/YangModels/yang/tree/master/standard](https://github.com/YangModels/yang/tree/master/standard)
  - ./draft
    - ./802
    - ./802.[1|3|11]
  - ./published
    - ./802
    - ./802.[1|3|11]
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.
Interacting with the YANG Catalog Repository

- [https://github.com/YangModels/yang#contribution-procedures](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](https://www.yangcatalog.org/contribute.php)