

# 802.3 YANG Module Development Process

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## Agenda:

- Document the process that I'm following
- Check that everyone agrees with this process, (otherwise tweak as required)
- If agreement, then record as the approved process?

# Overview of the process that I'm following

- Using 802.3 github YANG project:  
[8023YangDesignTeam/EthernetYang](https://github.com/8023YangDesignTeam/EthernetYang)
  - Project is publicly visible, but only members can edit
    - At their request, all folks contributing to 802.3 YANG can be added as members
  - Makes it easy to review/comment on current modules
  - The project **master** branch contains latest TF agreed code
  - Updates should be done on separate branches, then pulled to **master** once folks have had a chance to review
- At various stable milestone points, we can pull the branches up to the main github YANG repository  
[YangModels/yang](https://github.com/YangModels/yang)

# Model structure & conformance

- Aim to broadly conform with IETF guidelines and best practices:
  - Follow “Guidelines for Authors and Reviewers of YANG Data Model Documents” [draft-ietf-netmod-rfc6087bis-09](#)
  - Limit line length to 69 characters (consistent with IETF drafts and 802.1Q YANG project)
  - Check modules using “pyang” (open source defacto reference YANG compiler) before uploading, settings:  
*pyang --ietf --strict --lint --max-line-length 69 <module>*
  - Latest pyang is available on github [mbj4668/pyang](#)
  - Mahesh is trying to get an --ieee option added instead of --ietf

# Comments & adoption?

- Any further questions/comments?
- Should we adopt as the standard 802.3 YANG development process?

Thank you!