

CI/CD IETF YANG

April 2025

Overall Context

- ***Same needs, many approaches***

- Manual (suboptimal)
- <https://github.com/o-pylypenko/draft-ietf-opsawg-discardmodel> (Med/Oleks)
- <https://github.com/boucadair/attachment-circuit-model> (Med)
- [Linutronix/yang-validation](#) (Florian)
- <https://github.com/anima-wg/voucher/blob/main/Makefile> (Mickael)
- <https://github.com/rgwilton/draft-yp-observability/> (Rob)
- Etc.

- Need to ***harmonize, ease reuse, and ease of maintainance***
- Can be ***leveraged*** for YANG deVELpment PrOCEss & maintenance (VELOCE)

CI/CD YANG Template: Proposal

- Use a **separate template** to ease maintenance of YANG specifics
- A **sketch** proposal
 - Clone “martinthomson/internet-draft-template”
 - Add actions to create YANG folders
 - Module(s) -P1
 - Tree(s) -P2
 - Examples -P3
 - Add actions
 - Validate YANG modules
 - Generate/update Trees/Tree Snippets
 - Validate Examples
- **Contact Martin** to add a note to invite authors to refer to the YANG-specific Template, and follow the instructions there

Proposed Folder Structure

- Put *.yang files under “yang” folder
- Put trees under yang/trees folder
 - “.tree” as extension
- Put examples under yang/examples
 - Examples are encouraged to be JSON

Open Questions

- Location of the template
 - Individual, OPS, Start individual and move for a formal org when stable,
 - Put in a stable place
 - **Suggestion:** Create a folder under OPS AD org ← Agreed
- Maintainers Team
 - **Suggestion:** All participants in the call? ← Agreed
- Need for extra metadata (module version, etc.) (Florian)
 - To be added as an issue to the new folder

Next Steps

- Create a folder for the template (Med)
 - <https://github.com/IETF-OPS-AD/I-D-with-yang-template>
- Use Github for the discussion
- Packaging is not part of the initial scope of this work.

Participants List (28/04/2025)

- Med
- Samier (sbarguil)
- Scott (samans)
- Florian (koalo)
- Oscar (oscargdd)
- Italo (italobusi)
- Parsenjit (prmanna)