

YANG module file name convention

draft-andersson-netmod-yang-module-filename-02

IETF 120 NETMOD WG 2025-07-22

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Intro

- Previously defined in YANG Semver
- Experimental draft
 - Investigating if it is good as a proposed standard
 - Also documenting current industry usage

Solution overview

- Allow current schema
 - `module@2024-07-22.yang`
- Allow new schema
 - Use YANG semantic version (`ys:version`)
 - Use hash sign (`#`) as delimiter
 - `module#1.2.0.yang`

ABNF

```
module-or-submodule-name [[ '@' revision-date ] [ '#' ys:version ] ]  
    ( '.yang' / '.yin' )
```

Motivation

- WG requested this issue to be addressed by yang-ver-dt
- Simplify for module consumers
 - Convey compatibility status without reading the entire module
- Standardize before several proprietary solutions emerge

Known implementation

- Proprietary tooling uses this scheme already
- IETF 119 Hackathon project added support for this scheme to pyang

Next steps

- Adopt draft
- Finalize to guide industry in versioning

Thank you!

Questions?