

# YANG Semantic Versioning

[draft-ietf-netmod-yang-semver](#)

NETMOD WG

July 2021

Presenting on behalf of the authors:  
Joe Clarke

# Current Status

- Added text to address pre-release precedence (discussed at 110)
- Clarified when a major/minor digit SHOULD vs MUST be incremented (discussed at 110) (issue [#78](#))
- Anchored the informative Semver 2.0.0 reference to a specific revision in GitHub (discussed at 110)
- Peppered in “module and/or submodule” where appropriate (issue [#96](#))
- **At this point, all GitHub on semver issues are closed**

# Pre-Release Version Precedence

- Issue [#60](#)
- Reminder:
  - 1.0.0, then  $\square$  2.0.0-pre-release, then  $\square$  1.1.0-pre-release, then  $\square$  1.1.0
  - 1.0.0 < 2.0.0-pre-release <confusion, which is greater?> 1.1.0-pre-release < 1.1.0
- Authors **SHOULD** maintain only **one revision** statement in a pre-released module that reflects the latest revision.
- IETF authors **MAY** choose to include an appendix in the associated draft to track overall changes to the module or submodule

# Anchor to Specific Semver 2.0.0

- Issue [#90](#)
- Reminder: the semver.org (Semver 2.0.0) spec changes without changing the version number (ironically)
  - In essence, this means there have been changes (some normative) between semver 2.0.0 five years ago and 2.0.0 today
- Xref anchor changed to a specific GitHub revision of the webpage markdown (from June 19, 2020)

# Next Steps

- Final top-down reviews from authors
- Conduct WG LC for this and module versioning
- Feedback from the WG