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 \( \Rightarrow \) 2.0.0-pre-release, then \( \Rightarrow \) 1.1.0-pre-release, then \( \Rightarrow \) 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