

TITAN 10.0.0 CHANGE LOG (RELATIVE TO 9.0.0)

2023-11-15

HIGHLIGHTS



- C++ compiler
 - Bugfixes ([694](#), [699](#), [700](#), [701](#), [702](#))
 - Standard uplift ([647](#), [672](#), [677](#), [678](#), [679](#), [681](#), [683](#), [685](#), [686](#), [687](#), [693](#))
 - PER Encoder ([691](#), [see merge requests for details in this link](#))

- Eclipse Plug-Ins
 - Bugfixes ([513](#), [514](#))

- Language Server
 - Bugfixes ([1](#), [2](#), [3](#), [4](#))

- NextGen Plug-Ins (VSCode, Theia, LS Eclipse)
 - Bugfixes ([1](#), [2](#), [4](#), [6](#), [11](#), [12](#))

STANDARD UPLIFT



- This effort aims to uplift Titan's TTCN-3 standard compatibility to the latest version
- The current supported language standard is 12 years old
- New development would be hard as old standard versions lack the latest language features

PER ENCODER



- Titan now supports native ASN.1 PER (Packed Encoding Rules) encoding
- Next planned phase is a standalone encoder code generator for other C/C++ projects
- Third planned phase is to provide code generation for projects in other languages (e.g. Java, C#, etc.)



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