

Release Notes
ATLAS Compiler
ATLAS Release 3.24.12 (20090325)
25 March 2009

This release was a maintenance release whose two primary purposes are to synchronize some components to use the same version number and build date as well as to provide fixes for some Problem Reports.

The following describes an overview of changes included within version 20090325 (3.24.12) of the following 1995 ATLAS based compiler(s)

IEEE716.95 / PAWS

and version 20090325 (3.24.12) of the following ATLAS support tools:

1989 ATLAS linker (supports 1995)
Signal Resource Allocator
Device Compiler
Signal Flow Analyzer
Switch / Ita Compiler

1.1 Enhancements

None

1.2 Problem Reports

08-038, 08-048, 08-064 and 08-084

2.0 Detailed Description

2.1 Problem Reports

2.1.1 08-038 Unexpected warnings during Flow Analysis

Recommend using the "n" option in the PAWS Develops Studio:
Options -- Build -- Link And Flow -- Other Options

This will stop the warnings.

2.1.2 08-048 Math expressions not accepted during PERFORM of NAMs

Change made in IEEE716.95/PAWS compiler.

Expressions are now accepted during PERFORM of NAMs.

2.1.3 08-064 Infinite linker loop due to SENSE-EVENT

Change made in IEEE716.95/PAWS compiler.

An extra signal reference generated in the linker file was removed in the compiler to fix this issue.

2.1.4 08-084 Unwanted warnings generated in IDENTIFY

Change made in IEEE716.95/PAWS lexical set.

Changed MASK-ONE and REF in DIGITAL CONFIGURATION inside "nounsmo" for IEEE716.95/PAWS from (XDT_MC) to (LST_MC ++ XDT_MC).

2.1.5 ATLAS Support Tools

Changes were made in common source files to fix the above Problem Reports.

Therefore, the above ATLAS Support Tools were also released to unify the version numbers.