

Release Notes
ATLAS Compiler
Version 3.23.30 (20070115)
15 January 2007

1.0 Overview

The following describes an overview of changes included within version 20070115 (3.23.30) of the following:

Switch Compiler

1.1 Enhancements

1.2 Problem Reports

06-111, 06-120

2.0 Detailed Description

2.1 Enhancements

2.2 Problem Reports

2.2.1 06-111 - Switch Compiler WARNING "Unable to locate Switch for RI-1007"
Previous revisions of the PAWS Switch compiler processed the CASS .LU files with the assumption that behind each system pin enumerated in SUBFILE 2 there was a relay. If there was not the WARNING message indicating that a Switch could not be located for the specified system interface pin. In the CASS environment the expectation of a relay behind each enumerated pin was valid. The PAWS Switch description includes the idea of Wires connected to a system interface pin which may lead to other system interface pins that do have relays behind the pin.

This revision of the PAWS Switch compiler, if it does not find a relay behind a system interface that is enumerated in SUBFILE 2 of the .LU file but finds a Wire instead will follow the Wire to the next system interface pin and determine if a relay is present behind that pin. The process of following Wires will occur recursively until a relay is found or the depth of recursion exceeds MAXPATHDEPTH. The first relay that is encountered, if any, is used as a component of the specified path.

If more than one relay is found then the WARNING message "Ambiguous path <SystemInterfacePin> can reach both <SystemInterfacePin> and <SystemInterfacePin>" is issued.

If a relay is not found then the WARNING message "Unable to locate Switch for <SystemInterfacePin>" is issued.

06-120 - Switch Compiler ERROR "UUT Pin not in ItaDB: J5-K+"

Previous revisions of the PAWS Switch compiler did not allow the "+" character to appear as the last character of a UUT Pin appearing in the <PathLabel> within SUBFILE 2 of a CASS .LU file. If a "+" character was used it had to be followed by an <Integer>.

This revision of the PAWS Switch compiler allows such usage.