

Release Notes
ATLAS Compiler
ATLAS Release 3.24.20 (20091105)
05 November 2009

1.0 Overview

The following describes an overview of changes included within version 20091105 (3.24.20) of the following 1985 ATLAS based compiler.

CASS / PC

1.1 Enhancements

None

1.2 Issues

1.4.2, 1.4.3, 1.7.8, 1.7.9, 1.7.10, 1.23.1, 1.26.1, 3.3.1 and Pcr FQT-01

2.0 Detailed Description

2.1 Issues

2.1.1 Issue 1.4.2 No connection field in a READ statement treated as error

The compiler was flagging READ statements without CNX as an error. It now accepts these statements.

2.1.2 Issue 1.4.3 ATLAS pin descriptor with slash in the name

The compiler fix for this issue was made in the previous release "20091008 (3.24.19)". This, however caused a problem in processing the CNX in certain instances that led to the message "Missing <ports>". This change has been removed. This issue is currently still open.

2.1.3 Issue 1.7.8 Integer value missing with the "I" Fortran edit descriptor

Sometimes the integer value associated with the "I" Fortran edit descriptor is missing in the ATLAS program. The compiler now supplies a default value of "6" in such situations.

2.1.4 Issue 1.7.9 Unescaped single quotes inside OUTPUT strings

Unescaped single quotes were being used as part of strings in addition to being used as string delimiters inside OUTPUT statements. The compiler has been adjusted to expect such anomalies.

2.1.5 Issue 1.7.10 No comma separating variable and Fortran edit descriptor.

Sometimes no comma was used to separate variable and the Fortran edit descriptor. The change to 1.7.9 caused the compiler to flag this as an error. The compiler has been modified to insert a comma within its memory copy of the statement so that the statement can be processed correctly by the compiler.

2.1.6 Issue 1.23.1 EOSP configuration processing error.

If there was a DEFINE...EOSP CONFIGURATION without any of the noun and other values, subsequent ENABLE, DISABLE, COUPLE and UNCOUPLE were causing error messages. The compiler has been modified to allow this situation.

2.1.7 Issue 1.26.1 and Pcr FQT-01 "Missing <ports>" error messages

The changes to issue 1.4.3 were causing the "Missing <ports>" error messages. The changes made for issue 1.4.3 have been removed and these messages are gone. This means that issue 1.4.3 is still open.

2.1.8 Issue 3.3.1 Parenthesis around MSGCHAR variable in CALCULATE

The compiler's way of processing the CALCULATE in this situation was changed to allow parenthesis around MSGCHAR variables.