

NAME

explain – QLogic PathScale Fortran compiler and runtime error message explanation utility

SYNOPSIS

explain *message_id*

DESCRIPTION

The **explain** utility displays a detailed explanation for an error message printed by the QLogic PathScale(TM) Fortran compiler or runtime library.

When the Fortran compiler or runtime prints an error message, it prefixes the message with a string in the format "*subsystem-number*", e.g. "*pathf95-724*". This is the *message_id* string that you must provide to the **explain** utility.

The currently supported values for *subsystem* are as follows:

arith Arithmetic components of the PathScale Fortran compiler front-end.

lib Fortran runtime library.

pathf95

PathScale Fortran compiler front-end.

A value such as "4056" returned by the "iostat=" specifier in a Fortran I/O statement can also be decoded using **lib**, as in "explain lib-4056."

The **explain** utility uses the **PAGER** environment variable to choose the program that will display its output. It invokes it with the "-s" flag, to compress multiple newlines into one.

ENVIRONMENT

PAGER

The program that should display an error message explanation.

For information on compiler environment variables, see the **eko(7)** man page.

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SEE ALSO

pathf95(1)

QLogic PathScale Compiler Suite User Guide

Online documentation available at <http://www.pathscale.com/docs.html>