

NAME

explain – 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 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)

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