Rocky Enterprise Linux 9.2 Manual Pages on command 'gsignal.3'

$ man gsignal.3

GSIGNAL(3)   Linux Programmer's Manual   GSIGNAL(3)

NAME

    gsignal, ssignal - software signal facility

SYNOPSIS

    #include <signal.h>

    typedef void (*sighandler_t)(int);

    int gsignal(int signum);

    sighandler_t ssignal(int signum, sighandler_t action);

  Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

    gsignal(), ssignal():

      Since glibc 2.19:

        _DEFAULT_SOURCE

      Glibc 2.19 and earlier:

        _SVID_SOURCE

DESCRIPTION

    Don't use these functions under Linux. Due to a historical mistake, under Linux these

    functions are aliases for raise(3) and signal(2), respectively.

    Elsewhere, on System V-like systems, these functions implement software signaling, en?

    tirely independent of the classical signal(2) and kill(2) functions. The function ssig?

    nal() defines the action to take when the software signal with number signum is raised us?

    ing the function gsignal(), and returns the previous such action or SIG_DFL. The function

    gsignal() does the following: if no action (or the action SIG_DFL) was specified for

    signum, then it does nothing and returns 0. If the action SIG_IGN was specified for

signum, then it does nothing and returns 1. Otherwise, it resets the action to SIG_DFL
and calls the action function with argument signum, and returns the value returned by that
function. The range of possible values signum varies (often 1?15 or 1?17).

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

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?Interface ? Attribute   ? Value   ?

???

?gsignal() ? Thread safety ? MT-Safe   ?

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?ssignal() ? Thread safety ? MT-Safe sigintr ?

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CONFORMING TO

These functions are available under AIX, DG/UX, HP-UX, SCO, Solaris, Tru64.   They are
called obsolete under most of these systems, and are broken under glibc. Some systems
also have gsignal_r() and ssignal_r().

SEE ALSO

kill(2), signal(2), raise(3)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the
project, information about reporting bugs, and the latest version of this page, can be
found at https://www.kernel.org/doc/man-pages/.