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

$ man difftime.3

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

NAME

    difftime - calculate time difference

SYNOPSIS

    #include <time.h>

    double difftime(time_t time1, time_t time0);

DESCRIPTION

    The difftime() function returns the number of seconds elapsed between time time1 and time

    time0, represented as a double. Each of the times is specified in calendar time, which

    means its value is a measurement (in seconds) relative to the Epoch, 1970-01-01 00:00:00

    +0000 (UTC).

ATTRIBUTES

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

    ???

    ?Interface ? Attribute   ? Value   ?

    ??

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

    ??

CONFORMING TO

    POSIX.1-2001, POSIX.1-2008, C89, C99, SVr4, 4.3BSD.

NOTES

    On a POSIX system, time_t is an arithmetic type, and one could just define

      #define difftime(t1,t0) (double)(t1 - t0)

when the possible overflow in the subtraction is not a concern.

SEE ALSO

date(1), gettimeofday(2), time(2), ctime(3), gmtime(3), localtime(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/.

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