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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'difftime.3p' command

\$ man difftime.3p

DIFFTIME(3P) POSIX Programmer's Manual DIFFTIME(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

`difftime` ? compute the difference between two calendar time values

SYNOPSIS

```
#include <time.h>

double difftime(time_t time1, time_t time0);
```

DESCRIPTION

The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

The `difftime()` function shall compute the difference between two calendar times (as returned by `time()`): `time1 - time0`.

RETURN VALUE

The `difftime()` function shall return the difference expressed in seconds as a type `double`.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`asctime()`, `clock()`, `ctime()`, `gmtime()`, `localtime()`, `mktime()`, `strf?`

`time()`, `strptime()`, `time()`, `utime()`

The Base Definitions volume of POSIX.1?2017, `<time.h>`

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