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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'times.1p' command

\$ man times.1p

TIMES(1P) POSIX Programmer's Manual TIMES(1P)

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

times ? write process times

SYNOPSIS

times

DESCRIPTION

The times utility shall write the accumulated user and system times for the shell and for all of its child processes, in the following POSIX locale format:

```
"%dm%fs %dm%fs\n%dm%fs %dm%fs\n", <shell user minutes>,  
  <shell user seconds>, <shell system minutes>,  
  <shell system seconds>, <children user minutes>,  
  <children user seconds>, <children system minutes>,  
  <children system seconds>
```

The four pairs of times shall correspond to the members of the `<sys/times.h>` `tms` structure (defined in the Base Definitions volume of POSIX.1?2017, Chapter 13, Headers) as returned by `times()`: `tms_utime`, `tms_stime`, `tms_cutime`, and `tms_cstime`, respectively.

OPTIONS

None.

OPERANDS

None.

STDIN

Not used.

INPUT FILES

None.

ENVIRONMENT VARIABLES

None.

ASYNCHRONOUS EVENTS

Default.

STDOUT

See the DESCRIPTION.

STDERR

The standard error shall be used only for diagnostic messages.

OUTPUT FILES

None.

EXTENDED DESCRIPTION

None.

EXIT STATUS

0 Successful completion.

>0 An error occurred.

CONSEQUENCES OF ERRORS

Default.

The following sections are informative.

APPLICATION USAGE

None.

EXAMPLES

\$ times

0m0.43s 0m1.11s

8m44.18s 1m43.23s

RATIONALE

The times special built-in from the Single UNIX Specification is now required for all conforming shells.

FUTURE DIRECTIONS

None.

SEE ALSO

Section 2.14, Special Built-In Utilities

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

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TIMES(1P)