

NAME

ntptime - read kernel time variables

SYNOPSIS

ntptime [-**chr**] [-**e** *est_error*] [-**f** *frequency*] [-**m** *max_error*] [-**o** *offset*] [-**s** *status*] [-**t** *time_constant*]

DESCRIPTION

The **ntptime** utility is useful only with special kernels described in the "A Kernel Model for Precision Timekeeping" page (available as part of the HTML documentation provided in */usr/share/doc/ntp*). It reads and displays time-related kernel variables using the **gettime()** and **adjtime(2)** system calls if available. A similar display can be obtained using the **ntpdc(8)** program's **kerninfo** command.

The following options are available:

- c** Display the execution time of **ntptime** itself.

- e** *est_error*
 Specify estimated error, in microseconds.

- f** *frequency*
 Specify frequency offset, in parts per million.

- h** Display help information.

- m** *max_error*
 Specify max possible errors, in microseconds.

- o** *offset*
 Specify clock offset, in microseconds.

- r** Display Unix and NTP times in raw format.

- s** *status*

- t** *time_constant*
 Specify time constant, an integer in the range 0-4.

SEE ALSO

adjtime(2), **ntpdc(8)**