adj_clock - adjust the system clock

adj_clock [-n namelist] [-f value | +|-seconds /period[s|m|h|d]]

Adj clock permits adjustment of the system clock speed. If the XENIX clock is slow, you may speed it up. If it is fast, you may slow it down.

For example, if the system administrator notices that the system clock ran slow by five seconds in 10 hours, they could correct the clock speed by typing:

adj_clock -5 /10

Adj clock responds by displaying the new correction factor.

You may add an 's', 'm', 'h', or 'd' on the end of the period specification to indicate seconds, minutes, hours, or days. The default is hours.

The '-f' option allows you to specify the adjustment value directly. This is useful if you have /xenix adjusted for your system, and then you get a XENIX update or you configure a new /xenix, and you wish to adjust the new kernel to obtain the same accuracy.

Only the superuser may run adj clock.

These are some of the error messages which can be displayed by adj clock:

adj_clock: You must be superuser to run this program
The user was not logged in as root, nor was the su command used to change to root.

adj_clock: No namelist
adj_clock: Bad namelist
The program was unable to find the needed symbols in /xenix, or the file specified for namelist if '-n' was specified.

adj_clock: Can't open kmem
The program was unable to open the file /dev/kmem.

adj_clock: Can't find upage
The program was unable find required data in the system. This usually happens when /xenix is not the kernel with which system was booted.

adj_clock: Can't read adjustment
The program was unable to read the old adjustment value.

adj_clock: Can't write adjustment
The program was unable to write the new adjustment value.

adj_clock [warning]:
Minimum correction is +1 second every 18 hrs 12 min 15 sec
The user gave an error rate that was so close to the system clock that it requires an adjustment of less than 1 second every 18 hours 12 minutes and 15 seconds.

adj_clock: Can't correct for that large of an error
Maximum correction is +1 second every second
The user gave an error rate so large that the system cannot correct it.

adj_clock: Can't correct for that small of an error
The user gave an error rate change so small that the system cannot correct it.

adj_clock: Can't open xenix
The program was unable to open the file /xenix.

adj_clock: Can't read xenix
The program was unable to read the file /xenix.

adj_clock: Not enough data in /xenix
The file /xenix did not match its namelist. This probably indicates a corrupted /xenix file.

adj_clock: Can't seek to position
The program can't position to write the new correction value.

adj_clock: Can't write data to xenix
The program can't write the new correction value.

adj_clock: Missing argument for '-n'
The user gave the '-n' option and did not specify a kernel name.

adj_clock: Missing argument for '-f'
The user gave the '-f' option and did not specify an adjustment value.

adj_clock: Too many adjustment specifications
The user specified more than one of +/-seconds or '-f' on the command line.

adj_clock: Bad adjustment specification
The user gave an unintelligible +/-seconds or '-f' specification.

adj_clock: Adjustment out of range
The user gave '-f' an adjustment which was outside the range of 1 to 65535.

adj_clock: Too many period specifications
The user specified more than one /period on the command line.

adj_clock: Bad period specification
The user gave an unintelligible /period specification.

adj_clock [warning]: Unknown scalar
The user gave an unknown scalar on the /period specification.

adj_clock: You must specify both an adjustment and a period
The user specified only an adjustment or a period.

adj_clock: Unknown option
Usage: adj_clock [-n kernel] [+seconds|-seconds /period[s|m|h|d]
The user gave the program an unknown option.