

NAME

calc_tickadj — Calculates optimal value for tick given ntp drift file.

SYNOPSIS

calc_tickadj [**-flags**] [**-flag** [*value*]] [**--option-name** [*value*]]

All arguments must be options.

DESCRIPTION

The **calc_tickadj** script uses provided ntp drift file to generate optimal tick value. Generally, ntpd can do better job if the drift value is the smallest possible number.

The example output of

```
$ ./calc_tickadj
81.699 (drift)
9999 usec; 9999779 nsec
$ cat /etc/ntp/drift
-23.159
```

means the following. If tick on that box is 10,000, by making the value 9999 we'll shift the box from its current drift of -23.159 to a drift of 81.699, and in doing so we'll speed the clock up a little every second instead of slowing the clock down a little.

If 'tick' on that box is 10,000,000 then by setting it to 9999779 the drift value will be somewhere around 0.0.

calc_tickadj tries to determine the the tick value by using **tickadj** program from ntp package. If this doesn't work you can specify current tick manually on command line.

OPTIONS

-d *string*, **--drift-file**=*string*

Ntp drift file to use. The default *string* for this option is:
/etc/ntp/drift

Use the specified drift file for calculations

-t *number*, **--tick**=*number*

Tick value of this host. This option takes an integer number as its argument.

The current tick which to adjustment will be calculated

-?, **--help**

Display usage information and exit.

-!, **--more-help**

Pass the extended usage information through a pager.

-v [*v|c|n*] **--version** [*v|c|n*]]

Output version of program and exit. The default mode is 'v', a simple version. The 'c' mode will print copyright information and 'n' will print the full copyright notice.

EXIT STATUS

One of the following exit values will be returned:

0 (EXIT_SUCCESS)

Successful program execution.

1 (EXIT_FAILURE)

The operation failed or the command syntax was not valid.

70 (EX_SOFTWARE)

libopts had an internal operational error. Please report it to autogen-users@lists.sourceforge.net.
Thank you.

NOTES

This manual page was *AutoGen*-erated from the **calc_tickadj** option definitions.