



### ***Linux Ubuntu 22.4.5 Manual Pages on command 'calc\_tickadj.1'***

**\$ man calc\_tickadj.1**

CALC\_TICKADJ(1calc\_tickadjmdoc) User CALC\_TICKADJ(1calc\_tickadjmdoc)

#### 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 [auto?gen-users@lists.sourceforge.net](mailto:auto?gen-users@lists.sourceforge.net). Thank you.

## NOTES

This manual page was AutoGen-erated from the calc\_tickadj option definitions.

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