NAME

ac - connect time accounting

SYNOPSIS

ac [**-dp**] [**-t** *tty*] [**-w** *wtmp*] [*users ...*]

DESCRIPTION

If the file */var/log/utx.log* exists, a record of individual login and logout times are written to it by login(1) and init(8), respectively. The **ac** utility examines these records and writes the accumulated connect time (in hours) for all logins to the standard output.

The options are as follows:

-d　　　　　Display the connect times in 24 hour chunks.

-p　　　　　Print individual users' totals.

-t *tty*　　　Only do accounting logins on certain ttys. The *tty* specification can start with '!' to indicate not this *tty* and end with '*' to indicate all similarly named ttys. Multiple **-t** flags may be specified.

-w *wtmp*　　Read connect time data from *wtmp* instead of the default file, */var/log/utx.log*.

users ...　　Display totals for the given individuals only.

If no arguments are given, **ac** displays the total connect time for all accounts with login sessions recorded in *utx.log*.

The default *utx.log* file will increase without bound unless it is truncated. It is normally truncated by the daily scripts run by cron(8), which rename and rotate the *utx.log* files, keeping a week's worth of data on hand. No login or connect time accounting is performed if */var/log/utx.log* does not exist.

FILES

/var/log/utx.log　connect time accounting file

EXIT STATUS

The **ac** utility exits 0 on success, and >0 if an error occurs.

EXAMPLES

Allow times recorded in *modems* to be charged out at a different rate than *other*:

        ac -p -t "ttyd*" > modems
        ac -p -t "!ttyd*" > other

SEE ALSO

   login(1), getutxent(3), init(8), sa(8)

HISTORY

   An **ac** command appeared in Version 5 AT&T UNIX. This version of **ac** was written for NetBSD 0.9A
   from the specification provided by various systems' manual pages.