

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.