

**NAME**

**who** - display who is on the system

**SYNOPSIS**

**who** [-abHmqsTu] [**am I**] [*file*]

**DESCRIPTION**

The **who** utility displays information about currently logged in users. By default, this includes the login name, tty name, date and time of login and remote hostname if not local.

The options are as follows:

- a** Equivalent to **-bTu**, with the exception that output is not restricted to the time and date of the last system reboot.
- b** Write the time and date of the last system reboot.
- H** Write column headings above the output.
- m** Show information about the terminal attached to standard input only.
- q** "Quick mode": List the names and number of logged in users in columns. All other command line options are ignored.
- s** Show the name, line and time fields only. This is the default.
- T** Indicate whether each user is accepting messages. One of the following characters is written:
  - +
  - 
  - ?
- u** Show idle time for each user in hours and minutes as *hh:mm*, '.' if the user has been idle less than a minute, and "old" if the user has been idle more than 24 hours.

**am I** Equivalent to **-m**.

By default, **who** gathers information from the file */var/run/utx.active*. An alternate *file* may be specified which is usually */var/log/utx.log* (or */var/log/utx.log.[0-6]*) depending on site policy as *utx.log* can grow

quite large and daily versions may or may not be kept around after compression by `ac(8)`). The `utx.log` file contains a record of every login, logout, crash, shutdown and date change since `utx.log` was last truncated or created.

If `/var/log/utx.log` is being used as the file, the user name may be empty or one of the special characters `]|, '}'` and `'~'`. Logouts produce an output line without any user name. For more information on the special characters, see `getutxent(3)`.

## ENVIRONMENT

The `COLUMNS`, `LANG`, `LC_ALL` and `LC_TIME` environment variables affect the execution of **who** as described in `environ(7)`.

## FILES

`/var/run/utx.active`  
`/var/log/utx.log`  
`/var/log/utx.log.[0-6]`

## EXIT STATUS

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

## EXAMPLES

Show a brief summary of who is logged in:

```
$ who -q
fernape      root      root
# users = 3
```

Show who is logged in along with the line and time fields (without the headers):

```
$ who -s
fernape      ttyv0     Aug 26 16:23
root         ttyv1     Aug 26 16:23
root         ttyv2     Aug 26 16:23
```

Show information about the terminal attached to standard input:

```
$ who am i
fernape      Aug 26 16:24
```

Show time and date of the last system reboot, whether the users accept messages and the idle time for

each of them:

```
$ who -a
      - system boot  Aug 26 16:23  .
fernape  - ttyv0    Aug 26 16:23  .
root     - ttyv1    Aug 26 16:23  .
root     - ttyv2    Aug 26 16:23  .
```

Same as above but showing headers:

```
$ who -aH
NAME      S LINE      TIME      IDLE FROM
      - system boot  Aug 26 16:23  .
fernape   - ttyv0     Aug 26 16:23  .
root      - ttyv1     Aug 26 16:23 00:01
root      - ttyv2     Aug 26 16:23 00:01
```

## SEE ALSO

last(1), users(1), w(1), getutxent(3)

## STANDARDS

The **who** utility conforms to IEEE Std 1003.1-2001 ("POSIX.1").

## HISTORY

A **who** command appeared in Version 1 AT&T UNIX.