

NAME

stat – display file or file system status

SYNOPSIS

stat [*OPTION*]... *FILE*...

DESCRIPTION

Display file or file system status.

-L, --dereference

follow links

-Z, --context

print the SELinux security context

-f, --file-system

display file system status instead of file status

-c --format=FORMAT

use the specified FORMAT instead of the default; output a newline after each use of FORMAT

--printf=FORMAT

like **--format**, but interpret backslash escapes, and do not output a mandatory trailing newline. If you want a newline, include \n in FORMAT.

-t, --terse

print the information in terse form

--help display this help and exit

--version

output version information and exit

The valid format sequences for files (without **--file-system**):

%a	Access rights in octal
%A	Access rights in human readable form
%b	Number of blocks allocated (see %B)
%B	The size in bytes of each block reported by %b
%C	SELinux security context string
%d	Device number in decimal
%D	Device number in hex
%f	Raw mode in hex
%F	File type
%g	Group ID of owner
%G	Group name of owner
%h	Number of hard links
%i	Inode number
%n	File name
%N	Quoted file name with dereference if symbolic link
%o	I/O block size
%s	Total size, in bytes
%t	Major device type in hex

%T	Minor device type in hex
%u	User ID of owner
%U	User name of owner
%x	Time of last access
%X	Time of last access as seconds since Epoch
%y	Time of last modification
%Y	Time of last modification as seconds since Epoch
%z	Time of last change
%Z	Time of last change as seconds since Epoch

Valid format sequences for file systems:

%a	Free blocks available to non-superuser
%b	Total data blocks in file system
%c	Total file nodes in file system
%d	Free file nodes in file system
%f	Free blocks in file system
%C	SELinux security context string
%i	File System ID in hex
%l	Maximum length of filenames
%n	File name
%s	Block size (for faster transfers)
%S	Fundamental block size (for block counts)
%t	Type in hex
%T	Type in human readable form

NOTE: your shell may have its own version of stat, which usually supersedes the version described here. Please refer to your shell's documentation for details about the options it supports.

AUTHOR

Written by Michael Meskes.

REPORTING BUGS

Report stat bugs to bug-coreutils@gnu.org

GNU coreutils home page: <http://www.gnu.org/software/coreutils/>

General help using GNU software: <http://www.gnu.org/gethelp/>

Report stat translation bugs to <http://translationproject.org/team/>

COPYRIGHT

Copyright © 2010 Free Software Foundation, Inc. License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>.

This is free software: you are free to change and redistribute it. There is NO WARRANTY, to the extent permitted by law.

SEE ALSO

[stat\(2\)](#)

The full documentation for **stat** is maintained as a Texinfo manual. If the **info** and **stat** programs are properly installed at your site, the command

info coreutils 'stat invocation'

should give you access to the complete manual.