

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

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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/>

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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.