

**NAME**

stat – display file or file system status

**SYNOPSIS**

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

**DESCRIPTION**

Display file or file system status.

Mandatory arguments to long options are mandatory for short options too.

**-L, --dereference**

follow links

**-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

%m mount point

%n file name

%N quoted file name with dereference if symbolic link

%o optimal I/O transfer size hint

%s total size, in bytes

%t major device type in hex, for character/block device special files

%T	minor device type in hex, for character/block device special files
%u	user ID of owner
%U	user name of owner
%w	time of file birth, human-readable; – if unknown
%W	time of file birth, seconds since Epoch; 0 if unknown
%x	time of last access, human-readable
%X	time of last access, seconds since Epoch
%y	time of last modification, human-readable
%Y	time of last modification, seconds since Epoch
%z	time of last change, human-readable
%Z	time of last change, 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
%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	file system type in hex
%T	file system 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.

GNU coreutils online help: <<http://www.gnu.org/software/coreutils/>> 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.