

**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 security context information if available

**-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     |
| %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 | Security context in SELinux               |
| %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 bugs to <bug-coreutils@gnu.org>.

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## SEE ALSO

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 stat**

should give you access to the complete manual.