

NAME

ls - list directory contents

SYNOPSIS

ls [OPTION]... [FILE]...

DESCRIPTION

List all file information sorted by decreasing byte count if no options are entered in the input. The command does not accept options `-g`, `-i`, and `-s` because those options might mess up the default output of `ls`. An error message will print if options contains any of three options mentioned above.

OPTIONS

`-a`, `--all`

do not ignore entries starting with `.`

`-A`, `--almost-all`

do not list implied `.` and `..`

`-b`

print C-style escapes for nongraphic characters

`-B`

do not list implied entries ending with `~`

`-c`

with `-lt`: sort by, and show, ctime (time of last modification of file status information); with `-l`: show ctime and sort by name; otherwise: sort by ctime, newest first

`-C`

list entries by columns

`-d`

list directories themselves, not their contents

`-D`

generate output designed for Emacs' dired mode

`-f`

do not sort, enable `-aU`, disable `-ls --color`

`-F`

append indicator (one of `*/=>@|`) to entries

`-G`

in a long listing, don't print group names

- h
with -l, print sizes in human readable format (e.g., 1K 234M 2G)
- H
follow symbolic links listed on the command line
- I
do not list implied entries matching shell PATTERN
- k
default to 1024-byte blocks for disk usage
- l
use a long listing format
- L
when showing file information for a symbolic link, show information for the file the link references rather than for the link itself
- m
fill width with a comma separated list of entries
- n
like -l, but list numeric user and group IDs
- N
print raw entry names (don't treat e.g. control characters specially)
- o
like -l, but do not list group information
- p
append / indicator to directories
- q
print ? instead of nongraphic characters
- Q
enclose entry names in double quotes
- r
reverse order while sorting
- R
list subdirectories recursively

- s, --size
print the allocated size of each file, in blocks
- S
sort by file size
- t
sort by modification time, newest first
- T
assume tab stops at each COLS instead of 8
- u
with -lt: sort by, and show, access time; with -l: show access time and sort by name; otherwise: sort by access time
- U
do not sort; list entries in directory order
- v
natural sort of (version) numbers within text
- w
assume screen width instead of current value
- x
list entries by lines instead of by columns
- X
sort alphabetically by entry extension
- 1
list one file per line

SELinux options:

- Z
Display security context so it fits on most displays. Displays only mode, user, group, security context and file name.

Exit status:

- 0 if OK,
- 1 if invalid ls input or not supported ls options entered.

AUTHOR

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