

## NAME

ls - list directory contents

## SYNOPSIS

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

## DESCRIPTION

List information about the FILES in long listing format (the current directory by default). Sort's entries by byte size in descending order unless `-r` is specified (reverses order).

### `--all`

**not implemented** due to difficulty in handling long options (i.e. parsing options with "-" were not required and too time consuming)

### `--almost-all`

**not implemented** due to difficulty in handling long options (i.e. parsing options with "-" were not required and too time consuming)

### `--author`

**not implemented** due to difficulty in handling long options i.e. parsing options with "-" were not required and too time consuming)

### `--escape`

**not implemented** due to difficulty in handling long options (i.e. parsing options with "-" were not required and too time consuming)

### `--block-size=SIZE`

**not implemented** due to difficulty in handling long options (i.e. parsing options with "-" were not required and too time consuming)

### `--ignore-backups`

**not implemented** due to difficulty in handling long options (i.e. parsing options with "-" were not required and too time consuming)

### `-c`

**not implemented** due to conflicting output. In conjunction with the options `-l` and `-lt`, this option is to sort the files by either last modified time or newest time. Ls is to always sort by file size.

**--color**[=*WHEN*]  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--directory**  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--dired**  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**-f**  
**not implemented** due to conflicting output. This option is  
intended for the output to not be sorted, which directly  
conflicts with the main purpose of lss: to be sorted by file  
size.

**--classify**  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--file-type**  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--format**=*WORD*  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--full-time**  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--group-directories-first**  
**not implemented** due to both difficulty in handling long  
options (i.e. parsing options with "--" were not required and  
too time consuming and conflicting output). This option groups  
files together in such a way that it would disrupt the default  
sorting of lss.

**--no-group**  
**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--human-readable**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--si**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--dereference-command-line**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--dereference-command-line-symlink-to-dir**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--hide=PATTERN**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--indicator-style=WORD**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--inode**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**-I,**  
not implemented due to conflict with lss. When passing files, the -I option by default attempts to recurse directories, which in turn, fouls the sorting. Circumnavigating this issue would be inefficient and complex.

**--ignore=PATTERN**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming) and conflict for the expected result of lss. The ignore option, by default, recurses directories when passing files. This recursion is in direct conflict with lss due to the fouling of file sorting.

**--kibibytes**  
not implemented due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time consuming)

**--dereference**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--numeric-uid-gid**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--literal**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--indicator-style=slash**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--hide-control-chars**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--show-control-chars**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--quote-name**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--quoting-style=WORD**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--reverse**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--recursive**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--size**  
    **not implemented** due to difficulty in handling long options  
    (i.e. parsing options with "--" were not required and too time  
    consuming)

**--sort=WORD**

**not implemented** due to both difficulty in handling long options (i.e. parsing options with "--" were not required and too time consuming and conflicting output). This option sorts files by size, but it also sorts by extension, time, and version. The files are already sorted by size so this option was deemed unnecessary and redundant.

**--time=WORD**

**not implemented** due to difficulty in handling long options (i.e. parsing options with "--" were not required and too time consuming)

**--time-style=STYLE**

**not implemented** due to difficulty in handling long options (i.e. parsing options with "--" were not required and too time consuming)

**-t**

**not implemented** due to conflicting output. This option attempts to sort files by newest modification time which directly conflicts with lss (which sorts by file size).

**--tabsize=COLS**

**not implemented** due to difficulty in handling long options (i.e. parsing options with "--" were not required and too time consuming)

**-u**

**not implemented** due to conflicting output. This option attempts to sort by file access times which directly conflicts with lss (which sorts by file size).

**-U**

**not implemented** due to conflicting output. This option attempts to not sort files at all which directly conflicts with lss (which sorts by file size).

**-v**

**not implemented** due to conflicting output. This option attempts to sort naturally by version number which directly conflicts with lss (which sorts by file size).

**--width=COLS**

**not implemented** due to difficulty in handling long options (i.e. parsing options with "--" were not required and too time consuming)

**-X**

**not implemented** due to conflicting output. This option attempts to sort alphabetically by file extension which directly conflicts with lss (which sorts by file size).

**--context**

**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--help**

**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**--version**

**not implemented** due to difficulty in handling long options  
(i.e. parsing options with "--" were not required and too time  
consuming)

**Exit status:**

0        if OK,

1        if invalid option was entered

**AUTHOR**

Written by Brett Walker.