**NAME**

dir − list directory contents

**SYNOPSIS**

**dir** [*OPTION*]... [*FILE*]...

**DESCRIPTION**

List information about the FILEs (the current directory by default). Sort entries alphabetically if none of **−cftuvSUX** nor **−−sort** is specified.

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

**−a**, **−−all**

do not ignore entries starting with .

**−A**, **−−almost−all**

do not list implied . and ..

**−−author**

with **−l**, print the author of each file

**−b**, **−−escape**

print C−style escapes for nongraphic characters

**−−block−size**=*SIZE*

with **−l**, scale sizes by SIZE when printing them; e.g., '−−block−size=M'; see SIZE format below

**−B**, **−−ignore−backups**

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

**−−color**[=*WHEN*]

colorize the output; WHEN can be 'always' (default if omitted), 'auto', or 'never'; more info below

**−d**, **−−directory**

list directories themselves, not their contents

**−D**, **−−dired**

generate output designed for Emacs' dired mode

**−f**

do not sort, enable **−aU**, disable **−ls −−color**

**−F**, **−−classify**

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

**−−file−type**

likewise, except do not append '*'

**−−format**=*WORD*

across **−x**, commas **−m**, horizontal **−x**, long **−l**, single−column **−1**, verbose **−l**, vertical **−C**

**−−full−time**

like **−l −−time−style**=*full−iso*

**−g**

like **−l**, but do not list owner

**−−group−directories−first**

group directories before files;

can be augmented with a **−−sort** option, but any use of **−−sort**=*none* (**−U**) disables grouping

**−G**, **−−no−group**
> in a long listing, don't print group names

**−h**, **−−human−readable**
> with **−l** and **−s**, print sizes like 1K 234M 2G etc.

**−−si**     likewise, but use powers of 1000 not 1024

**−H**, **−−dereference−command−line**
> follow symbolic links listed on the command line

**−−dereference−command−line−symlink−to−dir**
> follow each command line symbolic link

> that points to a directory

**−−hide**=*PATTERN*
> do not list implied entries matching shell PATTERN (overridden by **−a** or **−A**)

**−−hyperlink**[=*WHEN*]
> hyperlink file names; WHEN can be 'always' (default if omitted), 'auto', or 'never'

**−−indicator−style**=*WORD*
> append indicator with style WORD to entry names: none (default), slash (**−p**), file−type (**−−file−type**), classify (**−F**)

**−i**, **−−inode**
> print the index number of each file

**−I**, **−−ignore**=*PATTERN*
> do not list implied entries matching shell PATTERN

**−k**, **−−kibibytes**
> default to 1024−byte blocks for disk usage; used only with **−s** and per directory totals

**−l**     use a long listing format

**−L**, **−−dereference**
> 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**, **−−numeric−uid−gid**
> like **−l**, but list numeric user and group IDs

**−N**, **−−literal**
> print entry names without quoting

**−o**     like **−l**, but do not list group information

**−p**, **−−indicator−style**=*slash*
> append / indicator to directories

**−q**, **−−hide−control−chars**
> print ? instead of nongraphic characters

**−−show−control−chars**
> show nongraphic characters as−is (the default, unless program is 'ls' and output is a terminal)

**−Q**, **−−quote−name**
> enclose entry names in double quotes

**−−quoting−style**=*WORD*
> use quoting style WORD for entry names: literal, locale, shell, shell−always, shell−escape, shell−escape−always, c, escape (overrides QUOTING_STYLE environment variable)

**−r**, **−−reverse**
   reverse order while sorting

**−R**, **−−recursive**
   list subdirectories recursively

**−s**, **−−size**
   print the allocated size of each file, in blocks

**−S**   sort by file size, largest first

**−−sort**=*WORD*
   sort by WORD instead of name: none (**−U**), size (**−S**), time (**−t**), version (**−v**), extension (**−X**)

**−−time**=*WORD*
   with **−l**, show time as WORD instead of default modification time: atime or access or use (**−u**);
   ctime or status (**−c**); also use specified time as sort key if **−−sort**=*time* (newest first)

**−−time−style**=*TIME_STYLE*
   time/date format with **−l**; see TIME_STYLE below

**−t**   sort by modification time, newest first

**−T**, **−−tabsize**=*COLS*
   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, newest first

**−U**   do not sort; list entries in directory order

**−v**   natural sort of (version) numbers within text

**−w**, **−−width**=*COLS*
   set output width to COLS.  0 means no limit

**−x**   list entries by lines instead of by columns

**−X**   sort alphabetically by entry extension

**−Z**, **−−context**
   print any security context of each file

**−1**   list one file per line.  Avoid '\n' with **−q** or **−b**

**−−help**  display this help and exit

**−−version**
   output version information and exit

The SIZE argument is an integer and optional unit (example: 10K is 10*1024).  Units are K,M,G,T,P,E,Z,Y
(powers of 1024) or KB,MB,... (powers of 1000).

The TIME_STYLE argument can be full−iso, long−iso, iso, locale, or +FORMAT.  FORMAT is interpreted
like in date(1).  If FORMAT is FORMAT1<newline>FORMAT2, then FORMAT1 applies to non−recent
files and FORMAT2 to recent files.  TIME_STYLE prefixed with 'posix−' takes effect only outside the
POSIX locale.  Also the TIME_STYLE environment variable sets the default style to use.

Using color to distinguish file types is disabled both by default and with **−−color**=*never*.  With
**−−color**=*auto*, ls emits color codes only when standard output is connected to a terminal.  The LS_COL-
ORS environment variable can change the settings.  Use the dircolors command to set it.

**Exit status:**
   0       if OK,

   1       if minor problems (e.g., cannot access subdirectory),

   2       if serious trouble (e.g., cannot access command−line argument).

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**REPORTING BUGS**

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report dir translation bugs to <https://translationproject.org/team/>

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**SEE ALSO**

Full documentation at: <https://www.gnu.org/software/coreutils/dir>
or available locally via: info '(coreutils) dir invocation'