

**SORT(1)**

**User Commands**

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## **NAME**

**sort - sort lines of text files**

## **SYNOPSIS**

**sort [OPTION]... [FILE]...**

**sort [OPTION]... --files0-from=F**

## **DESCRIPTION**

**Write sorted concatenation of all FILE(s) to standard output.**

**With no FILE, or when FILE is -, read standard input.**

**Mandatory arguments to long options are mandatory for short options too. Ordering options:**

**-b, --ignore-leading-blanks**

**ignore leading blanks**

**-d, --dictionary-order**

**consider only blanks and alphanumeric characters**

**-f, --ignore-case**

**-g, --general-numeric-sort**

compare according to general numerical value

**-i, --ignore-nonprinting**

consider only printable characters

**-M, --month-sort**

compare (unknown) < 'JAN' < ... < 'DEC'

**-h, --human-numeric-sort**

compare human readable numbers (e.g., 2K 1G)

**-n, --numeric-sort**

compare according to string numerical value

**-R, --random-sort**

shuffle, but group identical keys. See `shuf(1)`

**--random-source=FILE**

get random bytes from FILE

**-r, --reverse**

reverse the result of comparisons

**--sort=WORD**

sort according to WORD: general-numeric -g, human-numeric -h,  
month -M, numeric -n, random -R, version -V

**-V, --version-sort**

natural sort of (version) numbers within text

**Other options:**

**--batch-size=NMERGE**

merge at most NMERGE inputs at once; for more use temp files

**-c, --check, --check=diagnose-first**

check for sorted input; do not sort

**-C, --check=quiet, --check=silent**

like -c, but do not report first bad line

**--compress-program=PROG**

compress temporaries with PROG; decompress them with PROG -d

**--debug**

annotate the part of the line used to sort, and warn about ques?

tionable usage to stderr

**--files0-from=F**

read input from the files specified by NUL-terminated names in file F; If F is - then read names from standard input

**-k, --key=KEYDEF**

sort via a key; KEYDEF gives location and type

**-m, --merge**

merge already sorted files; do not sort

**-o, --output=FILE**

write result to FILE instead of standard output

**-s, --stable**

stabilize sort by disabling last-resort comparison

**-S, --buffer-size=SIZE**

use SIZE for main memory buffer

**-t, --field-separator=SEP**

use SEP instead of non-blank to blank transition

**-T, --temporary-directory=DIR**

use DIR for temporaries, not \$TMPDIR or /tmp; multiple options

**--parallel=N**

change the number of sorts run concurrently to N

**-u, --unique**

with **-c**, check for strict ordering; without **-c**, output only the first of an equal run

**-z, --zero-terminated**

line delimiter is NUL, not newline

**--help** display this help and exit

**--version**

output version information and exit

**KEYDEF** is **F[C][OPTS][,F[C][OPTS]]** for start and stop position, where **F** is a field number and **C** a character position in the field; both are origin 1, and the stop position defaults to the line's end. If neither **-t** nor **-b** is in effect, characters in a field are counted from the beginning of the preceding whitespace. **OPTS** is one or more single-letter ordering options [**bdfgiMhnRrV**], which override global ordering options for that key. If no key is given, use the entire line as the key. Use **--debug** to diagnose incorrect key usage.

**SIZE** may be followed by the following multiplicative suffixes: % 1% of memory, b 1, K 1024 (default), and so on for M, G, T, P, E, Z, Y, R, Q.

**\*\*\* WARNING \*\*\*** The locale specified by the environment affects sort order. Set `LC_ALL=C` to get the traditional sort order that uses native byte values.

## AUTHOR

Written by Mike Haertel and Paul Eggert.

## REPORTING BUGS

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

Report any translation bugs to <<https://translationproject.org/team/>>

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## SEE ALSO

`shuf(1)`, `uniq(1)`

Full documentation <<https://www.gnu.org/software/coreutils/sort>>

# Linux UBUNTU Manual Pages

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