



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sort.1' command

\$ man sort.1

SORT(1) User Commands SORT(1)

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

fold lower case to upper case characters

-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

specify multiple directories

--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.

*** 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

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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>>

or available locally via: info '(coreutils) sort invocation'

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