



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'du.1' command***

**\$ man du.1**

DU(1) User Commands DU(1)

### NAME

du - estimate file space usage

### SYNOPSIS

du [OPTION]... [FILE]...

du [OPTION]... --files0-from=F

### DESCRIPTION

Summarize disk usage of the set of FILES, recursively for directories.

Mandatory arguments to long options are mandatory for short options

too.

-0, --null

end each output line with NUL, not newline

-a, --all

write counts for all files, not just directories

--apparent-size

print apparent sizes, rather than disk usage; although the ap?

parent size is usually smaller, it may be larger due to holes in

('sparse') files, internal fragmentation, indirect blocks, and

the like

-B, --block-size=SIZE

scale sizes by SIZE before printing them; e.g., '-BM' prints

sizes in units of 1,048,576 bytes; see SIZE format below

-b, --bytes

equivalent to '--apparent-size --block-size=1'

-c, --total

produce a grand total

-D, --dereference-args

dereference only symlinks that are listed on the command line

-d, --max-depth=N

print the total for a directory (or file, with --all) only if it

is N or fewer levels below the command line argument;

--max-depth=0 is the same as --summarize

--files0-from=F

summarize disk usage of the NUL-terminated file names specified

in file F; if F is -, then read names from standard input

-H equivalent to --dereference-args (-D)

-h, --human-readable

print sizes in human readable format (e.g., 1K 234M 2G)

--inodes

list inode usage information instead of block usage

-k like --block-size=1K

-L, --dereference

dereference all symbolic links

-l, --count-links

count sizes many times if hard linked

-m like --block-size=1M

-P, --no-dereference

don't follow any symbolic links (this is the default)

-S, --separate-dirs

for directories do not include size of subdirectories

--si like -h, but use powers of 1000 not 1024

-s, --summarize

display only a total for each argument

-t, --threshold=SIZE

exclude entries smaller than SIZE if positive, or entries

greater than SIZE if negative

--time show time of the last modification of any file in the directory,  
or any of its subdirectories

--time=WORD

show time as WORD instead of modification time: atime, access,  
use, ctime or status

--time-style=STYLE

show times using STYLE, which can be: full-iso, long-iso, iso,  
or +FORMAT; FORMAT is interpreted like in 'date'

-X, --exclude-from=FILE

exclude files that match any pattern in FILE

--exclude=PATTERN

exclude files that match PATTERN

-x, --one-file-system

skip directories on different file systems

--help display this help and exit

--version

output version information and exit

Display values are in units of the first available SIZE from

--block-size, and the DU\_BLOCK\_SIZE, BLOCK\_SIZE and BLOCKSIZE environ?

ment variables. Otherwise, units default to 1024 bytes (or 512 if  
POSIXLY\_CORRECT is set).

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). Binary prefixes can be used, too: KiB=K, MiB=M, and  
so on.

## PATTERNS

PATTERN is a shell pattern (not a regular expression). The pattern ?  
matches any one character, whereas \* matches any string (composed of  
zero, one or multiple characters). For example, \*.o will match any  
files whose names end in .o. Therefore, the command

```
du --exclude='*.o'
```

will skip all files and subdirectories ending in .o (including the file  
.o itself).

## 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

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

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

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