



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'du.1'***

**\$ 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'

GNU coreutils 8.32

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