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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 apparent 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` environment 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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