Rocky Enterprise Linux 9.2 Manual Pages on command 'od.1'

$ man od.1

OD(1)   User Commands   OD(1)

NAME

   od - dump files in octal and other formats

SYNOPSIS

   od [OPTION]... [FILE]...

   od [-abcdfilosx]... [FILE] [[+]OFFSET[.][b]]

   od --traditional [OPTION]... [FILE] [[+]OFFSET[.][b] [+][LABEL][.][b]]

DESCRIPTION

   Write an unambiguous representation, octal bytes by default, of FILE to standard output.

   With more than one FILE argument, concatenate them in the listed order to form the input.

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

   If first and second call formats both apply, the second format is assumed if the last op?

   erand begins with + or (if there are 2 operands) a digit. An OFFSET operand means -j OFF?

   SET. LABEL is the pseudo-address at first byte printed, incremented when dump is pro?

   gressing.   For OFFSET and LABEL, a 0x or 0X prefix indicates hexadecimal; suffixes may be

   . for octal and b for multiply by 512.

   Mandatory arguments to long options are mandatory for short options too.

   -A, --address-radix=RADIX

       output format for file offsets; RADIX is one of [doxn], for Decimal, Octal, Hex or

       None

   --endian={big|little}

       swap input bytes according the specified order

   -j, --skip-bytes=BYTES

skip BYTES input bytes first

-N, --read-bytes=BYTES

   limit dump to BYTES input bytes

-S BYTES, --strings[=BYTES]

   output strings of at least BYTES graphic chars; 3 is implied when BYTES is not

   specified

-t, --format=TYPE

   select output format or formats

-v, --output-duplicates

   do not use * to mark line suppression

-w[BYTES], --width[=BYTES]

   output BYTES bytes per output line; 32 is implied when BYTES is not specified

--traditional

   accept arguments in third form above

--help display this help and exit

--version

   output version information and exit

Traditional format specifications may be intermixed; they accumulate:

   -a   same as -t a, select named characters, ignoring high-order bit

   -b   same as -t o1, select octal bytes

   -c   same as -t c, select printable characters or backslash escapes

   -d   same as -t u2, select unsigned decimal 2-byte units

   -f   same as -t fF, select floats

   -i   same as -t dI, select decimal ints

   -l   same as -t dL, select decimal longs

   -o   same as -t o2, select octal 2-byte units

   -s   same as -t d2, select decimal 2-byte units

   -x   same as -t x2, select hexadecimal 2-byte units

TYPE is made up of one or more of these specifications:

   a   named character, ignoring high-order bit

   c   printable character or backslash escape

   d[SIZE]

      signed decimal, SIZE bytes per integer

f[SIZE]

    floating point, SIZE bytes per float

o[SIZE]

    octal, SIZE bytes per integer

u[SIZE]

    unsigned decimal, SIZE bytes per integer

x[SIZE]

    hexadecimal, SIZE bytes per integer

SIZE is a number. For TYPE in [doux], SIZE may also be C for sizeof(char), S for sizeof(short), I for sizeof(int) or L for sizeof(long). If TYPE is f, SIZE may also be F for sizeof(float), D for sizeof(double) or L for sizeof(long double).

Adding a z suffix to any type displays printable characters at the end of each output line.

  BYTES is hex with 0x or 0X prefix, and may have a multiplier suffix:

b   512

KB   1000

K   1024

MB   1000*1000

M   1024*1024

and so on for G, T, P, E, Z, Y. Binary prefixes can be used, too: KiB=K, MiB=M, and so on.

EXAMPLES

od -A x -t x1z -v

    Display hexdump format output

od -A o -t oS -w16

    The default output format used by od

AUTHOR

    Written by Jim Meyering.

REPORTING BUGS

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

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

COPYRIGHT

later <https://gnu.org/licenses/gpl.html>.

This is free software: you are free to change and redistribute it. There is NO WARRANTY,

to the extent permitted by law.

SEE ALSO

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

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