

CKSUM(1)

User Commands

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NAME

cksum - compute and verify file checksums

SYNOPSIS

cksum [OPTION]... [FILE]...

DESCRIPTION

Print or verify checksums. By default use the 32 bit CRC algorithm.

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

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

-a, --algorithm=TYPE

select the digest type to use. See DIGEST below.

--base64

emit base64-encoded digests, not hexadecimal

-c, --check

read checksums from the FILEs and check them

-l, --length=BITS

digest length in bits; must not exceed the max for the blake2 algorithm and must be a multiple of 8

--raw emit a raw binary digest, not hexadecimal

--tag create a BSD-style checksum (the default)

--untagged

create a reversed style checksum, without digest type

-z, --zero

end each output line with NUL, not newline, and disable file name escaping

The following five options are useful only when verifying checksums:

--ignore-missing

don't fail or report status for missing files

--quiet

don't print OK for each successfully verified file

--status

don't output anything, status code shows success

--strict

exit non-zero for improperly formatted checksum lines

-w, --warn

warn about improperly formatted checksum lines

--debug

indicate which implementation used

--help display this help and exit

--version

output version information and exit

DIGEST determines the digest algorithm and default output format:

sysv (equivalent to **sum -s**)

bsd (equivalent to **sum -r**)

crc (equivalent to **cksum**)

md5 (equivalent to **md5sum**)

sha1 (equivalent to **sha1sum**)

sha224 (equivalent to sha224sum)

sha256 (equivalent to sha256sum)

sha384 (equivalent to sha384sum)

sha512 (equivalent to sha512sum)

blake2b

(equivalent to b2sum)

sm3 (only available through cksum)

When checking, the input should be a former output of this program, or equivalent standalone program.

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/>>

Linux UBUNTU Manual Pages

GPL version 3 or later <<https://gnu.org/licenses/gpl.html>>.

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SEE ALSO

Full documentation <<https://www.gnu.org/software/coreutils/cksum>>
or available locally via: info '(coreutils) cksum invocation'

GNU coreutils 9.4

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