NAME

sha256sum − compute and check SHA256 message digest

SYNOPSIS

sha256sum [*OPTION*]... [*FILE*]...

DESCRIPTION

Print or check SHA256 (256−bit) checksums.

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

−b, **−−binary**

read in binary mode

−c, **−−check**

read SHA256 sums from the FILEs and check them

−−tag   create a BSD−style checksum

−t, **−−text**

read in text mode (default)

−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

−−help   display this help and exit

−−version

output version information and exit

The sums are computed as described in FIPS−180−2. When checking, the input should be a former output of this program. The default mode is to print a line with checksum, a space, a character indicating input mode ('*' for binary, ' ' for text or where binary is insignificant), and name for each FILE.

AUTHOR

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REPORTING BUGS

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report sha256sum translation bugs to <https://translationproject.org/team/>

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SEE ALSO

Full documentation at: <https://www.gnu.org/software/coreutils/sha256sum>
or available locally via: info '(coreutils) sha2 utilities'