NAME

sha1sum − compute and check SHA1 message digest

SYNOPSIS

sha1sum [*OPTION*]... [*FILE*]...

DESCRIPTION

Print or check SHA1 (160−bit) checksums.

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

−b, **−−binary**
read in binary mode

−c, **−−check**
read SHA1 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−180−1. 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.

Note: There is no difference between binary mode and text mode on GNU systems.

BUGS

Do not use the SHA-1 algorithm for security related purposes. Instead, use an SHA−2 algorithm, implemented in the programs sha224sum(1), sha256sum(1), sha384sum(1), sha512sum(1), or the BLAKE2 algorithm, implemented in b2sum(1)

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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/sha1sum>
or available locally via: info '(coreutils) sha1sum invocation'