



Linux Ubuntu 26.04 Manual Pages on command 'gnusha1sum.1'

\$ man gnusha1sum.1

SHA1SUM(1)

User Commands

SHA1SUM(1)

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 checksums 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 for? mer 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.

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)

AUTHOR

Written by Ulrich Drepper, Scott Miller, and David Madore.

REPORTING BUGS

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

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

SEE ALSO

cksum(1)

Full documentation <<https://www.gnu.org/software/coreutils/sha1sum>>

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

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