Rocky Enterprise Linux 9.2 Manual Pages on command 'sha1sum.1'

$ man sha1sum.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 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, im‐ plemented 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'

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