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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sha512sum.1' command

$ man sha512sum.1

SHA512SUM(1) User Commands SHA512SUM(1)

NAME

sha512sum - compute and check SHA512 message digest

SYNOPSIS

sha512sum [OPTION]... [FILE]...

DESCRIPTION

Print or check SHA512 (512-bit) checksums.

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

-b, --binary

read in binary mode

-c, --check

read SHA512 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.

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

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/>

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SEE ALSO

Full documentation <https://www.gnu.org/software/coreutils/sha512sum>

or available locally via: info '(coreutils) sha2 utilities'