

NAME

b2sum – compute and check BLAKE2 message digest

SYNOPSIS

b2sum [*OPTION*]... [*FILE*]...

DESCRIPTION

Print or check BLAKE2b (512-bit) checksums. Legacy interface to the cksum utility.

With no *FILE*, or when *FILE* is –, read standard input.

Mandatory arguments to long options are mandatory for short options too.

-b, --binary

read in binary mode

-c, --check

read checksums from the *FILE*s and check them

-l, --length=BITS

digest length in bits; must not exceed the max size and must be a multiple of 8 for blake2b; must be 224, 256, 384, or 512 for sha2 or sha3

--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 RFC 7693. 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*.

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

AUTHOR

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REPORTING BUGS

Report bugs to: bug-coreutils@gnu.org

Report Gentoo bugs to: <https://bugs.gentoo.org/>

GNU coreutils home page: <https://www.gnu.org/software/coreutils/>

General help using GNU software: <https://www.gnu.org/gethelp/>

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

SEE ALSO**cksum(1)**

Full documentation <<https://www.gnu.org/software/coreutils/b2sum>>
or available locally via: info '(coreutils) b2sum invocation'

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