

**NAME**

clsha2

**SYNOPSIS****clsha2** [OPTION] [FILE]**DESCRIPTION**

**clsha2** calculates the SHA256 hash value of the input, either a file or standard input and prints the hash value in hexadecimal (default) or base64 encoding on standard output. The hash value is 256 bits long.

No FILE or "-" reads from standard input.

**OPTIONS****--base64** | **-b64**

prints the hash value base64 encoded. Without this option the hash value is printed hexadecimal

**--help**

prints a help text

**--version**

prints the version of clsha2

**NOTES**

Full documentation <<https://senderek.ie/cryptlib/tools>>

This program depends on two packages providing the cryptlib shared object library and the python3-bindings to this library.

You can download both packages in RPM or DEB format at <https://senderek.ie/cryptlib/>

**FILES**

clsha2 uses the cryptlib shared object library and its python3 bindings.

/lib64/libcl.so.3.4.9

/usr/lib/python3.1x/site-packages/cryptlib\_py.so

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**SEE ALSO**

*cryptlib* (<https://github.com/cryptlib/cryptlib>)

**AUTHORS**

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**Cryptlib** is written and maintained by Peter Gutmann <[pgut001@cs.auckland.ac.nz](mailto:pgut001@cs.auckland.ac.nz)>

**BUGS**

Of course there aren't any bugs, but if you find any, please sent a report to [innovation@senderek.ie](mailto:innovation@senderek.ie).