

NAME

gttlvwrap - A tool for generating a TLV by wrapping piece of data with TLV header.

SYNOPSIS

gttlvwrap [-h] [-v] [options] -t *type* [-i *input*] [-o *output*]

DESCRIPTION

gttlvwrap is a tool for generating TLVs from input data.

OPTIONS

- h** Print help text.
- t *type*** TLV type in hex.
- N** Set the TLV Non-Critical flag.
- F** Set the TLV Forward Unknown flag.
- i *file*** Input file that is going to be wrapped with TLV header. If not specified data will be read from *stdin*.
- o *file*** Output file for generated TLV. If not specified data will be written to *stdout*.
- v** Print TLV utility version.

EXIT STATUS

- 0** **Exit success.** Returned if everything is OK.
- 1** **Exit failure.** A general failure occurred.
- 3** **Invalid command-line parameter.** The content or format of a command-line parameter is invalid or a parameter is missing.
- 4** **Invalid format.** Input data can not be parsed or data format is invalid.
- 9** **Input/output error.** Unable to read or write file or stream.
- 13** **System out of memory.**

EXAMPLES

- 1 Wrap a string *'TEST'* with TLV header using type 1000 and dump the result with **gttlvdump**:
echo "TEST" | gttlvwrap -t 1000 | gttlvdump
- 2 Wrap a file *'file'* with TLV header and set the Non-Critical flag:
gttlvwrap -t 1000 -N -i file -o file.tlv

AUTHOR

Guardtime AS, <http://www.guardtime.com/>

SEE ALSO

gttlvdump(1), **gttlvgrep(1)**, **gttlvundump(1)**, **tlv(5)**, **tlv-desc(5)**