

NAME

gengetopt – manual page for gengetopt 2.20

SYNOPSIS

gengetopt [*OPTIONS*]...

DESCRIPTION

GNU gengetopt 2.20

This program generates a C function that uses getopt_long function to parse the command line options, validate them and fill a struct.

-h, --help

Print help and exit

-V, --version

Print version and exit

Main options:

-i, --input=filename

input file (default std input)

-f, --func-name=name

name of generated function (default='cmdline_parser')

-a, --arg-struct-name=name

name of generated args info struct (default='gengetopt_args_info')

-F, --file-name=name

name of generated file (default='cmdline')

--output-dir=path

output directory

-c, --c-extension=ext

extension of c file (default='c')

-H, --header-extension=ext

extension of header file (default='h')

-l, --long-help

long usage line in help

--default-optional

by default, an option is considered optional if not specified otherwise

-u, --unamed-opts[=STRING]

accept options without names (e.g., file names) (default='FILES')

The parser generated is thought to be used to parse the command line arguments. However, you can also generate parsers for configuration files, or strings that contain the arguments to parse, by using the following two options.

-C, --conf-parser

generate a config file parser

-S, --string-parser

generate a string parser (the string contains the command line)

Additional options:

-G, --include-getopt

adds the code for getopt_long in the generated C file

-n, --no-handle-help

do not handle **--help**|-h automatically

-N, --no-handle-version

do not handle **--version**|-V automatically

- e, --no-handle-error**
do not exit on errors
- show-required[=*STRING*]**
in the output of help will specify which options are mandatory, by using the optional passed string (default='(mandatory)')
- g, --gen-version**
put gengetopt version in the generated file (default=on)
- set-package=*STRING***
set the package name (override package defined in the .ggo file)
- set-version=*STRING***
set the version number (override version defined in the .ggo file)
- show-help**
show the output of **--help** instead of generating code
- show-full-help**
show the output of **--help** (including hidden options) instead of generating code
- show-version**
show the output of **--version** instead of generating code

Please refer to the info manual for further explanations.

Maintained by Lorenzo Bettini <<http://www.lorenzobettini.it>>

REPORTING BUGS

Report bugs to <bug-gengetopt@gnu.org>

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SEE ALSO

The full documentation for **gengetopt** is maintained as a Texinfo manual. If the **info** and **gengetopt** programs are properly installed at your site, the command

info gengetopt

should give you access to the complete manual.