

cmake-gui(1)

Synopsis

```
cmake-gui [<options>]  
cmake-gui [<options>] (<path-to-source> | <path-to-existing-build>)
```

Description

The “cmake-gui” executable is the CMake GUI. Project configuration settings may be specified interactively. Brief instructions are provided at the bottom of the window when the program is running.

CMake is a cross-platform build system generator. Projects specify their build process with platform-independent CMake listfiles included in each directory of a source tree with the name CMakeLists.txt. Users build a project by using CMake to generate a build system for a native tool on their platform.

Options

--help, -help, -usage, -h, -H, /?

Print usage information and exit.

Usage describes the basic command line interface and its options.

--version, -version, /V [<f>]

Show program name/version banner and exit.

If a file is specified, the version is written into it. The help is printed to a named <f>ile if given.

--help-full [<f>]

Print all help manuals and exit.

All manuals are printed in a human-readable text format. The help is printed to a named <f>ile if given.

--help-manual <man> [<f>]

Print one help manual and exit.

The specified manual is printed in a human-readable text format. The help is printed to a named <f>ile if given.

--help-manual-list [<f>]

List help manuals available and exit.

The list contains all manuals for which help may be obtained by using the --help-manual option followed by a manual name. The help is printed to a named <f>ile if

given.

`--help-command <cmd> [<f>]`

Print help for one command and exit.

The [cmake-commands\(7\)](#) manual entry for `<cmd>` is printed in a human-readable text format. The help is printed to a named `<f>`ile if given.

`--help-command-list [<f>]`

List commands with help available and exit.

The list contains all commands for which help may be obtained by using the `--help-command` option followed by a command name. The help is printed to a named `<f>`ile if given.

`--help-commands [<f>]`

Print cmake-commands manual and exit.

The [cmake-commands\(7\)](#) manual is printed in a human-readable text format. The help is printed to a named `<f>`ile if given.

`--help-module <mod> [<f>]`

Print help for one module and exit.

The [cmake-modules\(7\)](#) manual entry for `<mod>` is printed in a human-readable text format. The help is printed to a named `<f>`ile if given.

`--help-module-list [<f>]`

List modules with help available and exit.

The list contains all modules for which help may be obtained by using the `--help-module` option followed by a module name. The help is printed to a named `<f>`ile if given.

`--help-modules [<f>]`

Print cmake-modules manual and exit.

The [cmake-modules\(7\)](#) manual is printed in a human-readable text format. The help is printed to a named `<f>`ile if given.

`--help-policy <cmp> [<f>]`

Print help for one policy and exit.

The [cmake-policies\(7\)](#) manual entry for `<cmp>` is printed in a human-readable text format. The help is printed to a named `<f>`ile if given.

`--help-policy-list [<f>]`

List policies with help available and exit.

The list contains all policies for which help may be obtained by using the `--help-policy` option followed by a policy name. The help is printed to a named `<f>`ile if given.

`--help-policies [<f>]`

Print cmake-policies manual and exit.

The **cmake-policies(7)** manual is printed in a human-readable text format. The help is printed to a named <f>ile if given.

`--help-property <prop> [<f>]`

Print help for one property and exit.

The **cmake-properties(7)** manual entries for <prop> are printed in a human-readable text format. The help is printed to a named <f>ile if given.

`--help-property-list [<f>]`

List properties with help available and exit.

The list contains all properties for which help may be obtained by using the `--help-property` option followed by a property name. The help is printed to a named <f>ile if given.

`--help-properties [<f>]`

Print cmake-properties manual and exit.

The **cmake-properties(7)** manual is printed in a human-readable text format. The help is printed to a named <f>ile if given.

`--help-variable <var> [<f>]`

Print help for one variable and exit.

The **cmake-variables(7)** manual entry for <var> is printed in a human-readable text format. The help is printed to a named <f>ile if given.

`--help-variable-list [<f>]`

List variables with help available and exit.

The list contains all variables for which help may be obtained by using the `--help-variable` option followed by a variable name. The help is printed to a named <f>ile if given.

`--help-variables [<f>]`

Print cmake-variables manual and exit.

The **cmake-variables(7)** manual is printed in a human-readable text format. The help is printed to a named <f>ile if given.

See Also

The following resources are available to get help using CMake:

Home Page

<http://www.cmake.org>

The primary starting point for learning about CMake.

Frequently Asked Questions

http://www.cmake.org/Wiki/CMake_FAQ

A Wiki is provided containing answers to frequently asked questions.

Online Documentation

<http://www.cmake.org/documentation>

Links to available documentation may be found on this web page.

Mailing List

<http://www.cmake.org/mailling-lists>

For help and discussion about using cmake, a mailing list is provided at cmake@cmake.org. The list is member-post-only but one may sign up on the CMake web page. Please first read the full documentation at <http://www.cmake.org> before posting questions to the list.