

NAME

go – tool for managing Go source code

SYNOPSIS

go command [*arguments*]

DESCRIPTION

The Go distribution includes a command, named **go**, that automates the downloading, building, installation, and testing of Go packages and commands.

COMMANDS

Each command is documented in its own manpage. For example, the **build** command is documented in **go-build(1)**. The commands are:

bug start a bug report

build compile packages and dependencies

clean remove object files and cached files

doc show documentation for package or symbol

env print Go environment information

fix update packages to use new APIs

fmt gofmt (reformat) package sources

generate
generate Go files by processing source

get add dependencies to current module and install them

install compile and install packages and dependencies

list list packages or modules

mod module maintenance

work workspace maintenance

run compile and run Go program

test test packages

tool run specified go tool

version
print Go version

vet report likely mistakes in packages

Use "go help <command>" for more information about a command.

ADDITIONAL HELP TOPICS

buildconstraint
build constraints

buildmode
build modes

c calling between Go and C

cache build and test caching

environment
environment variables

filetype
file types

- go.mod** the go.mod file
 - gopath** GOPATH environment variable
 - gopath-get** legacy GOPATH go get
 - goproxy** module proxy protocol
 - importpath** import path syntax
 - modules** modules, module versions, and more
 - module-get** module-aware go get
 - module-auth** module authentication using go.sum
 - packages** package lists and patterns
 - private** configuration for downloading non-public code
 - testflag** testing flags
 - testfunc** testing functions
 - vs** controlling version control with GOVCS
- Use "go help <topic>" for more information about that topic.

SEE ALSO

go-build(1), **go-clean(1)**.

AUTHOR

This manual page was written by Michael Stapelberg <stapelberg@debian.org> and is maintained by the Debian Go Compiler Team <team+go-compiler@tracker.debian.org> based on the output of 'go help' for the Debian project (and may be used by others).