



Rocky Enterprise Linux 9.2 Manual Pages on command 'go-test.1'

C:\>man go-test.1

GO-TEST(1) General Commands Manual GO-TEST(1)

NAME

go - tool for managing Go source code

SYNOPSIS

go test [-c] [-i] [build flags] [packages] [flags for test binary]

DESCRIPTION

"Go test" automates testing the packages named by the import paths. It prints a summary of the test results in the format:

```
ok archive/tar 0.011s
```

```
FAIL archive/zip 0.022s
```

```
ok compress/gzip 0.033s
```

...

followed by detailed output for each failed package.

"Go test" recompiles each package along with any files with names matching the file pattern `"*_test.go"`. These additional files can contain test functions, benchmark functions, and example functions. See `go-testfunc(7)` for more.

By default, `go test` needs no arguments. It compiles and tests the package with source in the current directory, including tests, and runs the tests.

The package is built in a temporary directory so it does not interfere with the non-test installation.

OPTIONS

In addition to the build flags, the flags handled by 'go test' itself are:

-c Compile the test binary to pkg.test but do not run it.

-i Install packages that are dependencies of the test. Do not run the test.

The test binary also accepts flags that control execution of the test; these flags are also accessible by 'go test'. See go-testflag(7) for details.

For more about build flags, see go-build(1).

For more about specifying packages, see go-packages(7).

SEE ALSO

go-build(1), go-vet(1).

AUTHOR

This manual page was written by Michael Stapelberg <stapelberg@debian.org>, for the Debian project (and may be used by others).

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