



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

C:\>man go-list.1

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

NAME

go - tool for managing Go source code

SYNOPSIS

```
go list [-e] [-f format] [-json] [ packages ]
```

DESCRIPTION

List lists the packages named by the import paths, one per line.

The default output shows the package import path:

```
code.google.com/p/google-api-go-client/books/v1
code.google.com/p/goauth2/oauth
code.google.com/p/sqlite
```

OPTIONS

-f The -f flag specifies an alternate format for the list, using the syntax of package template. The default output is equivalent to -f '{{.ImportPath}}'.

The struct being passed to the template is:

```
type Package struct {
    Dir      string // directory containing package sources
    ImportPath string // import path of package in dir
    Name     string // package name
    Doc     string // package documentation string
    Target   string // install path
    Groot    bool  // is this package in the Go root?
```

```

Standard bool // is this package part of the standard Go library?
Stale bool // would 'go install' do anything for this package?
Root string // Go root or Go path dir containing this package
// Source files
GoFiles []string // .go source files (excluding CgoFiles, TestGoFiles, XTestGoFiles)
CgoFiles []string // .go sources files that import "C"
CFiles []string // .c source files
HFiles []string // .h source files
SFiles []string // .s source files
SysoFiles []string // .syso object files to add to archive
// Cgo directives
CgoCFLAGS []string // cgo: flags for C compiler
CgoLDFLAGS []string // cgo: flags for linker
CgoPkgConfig []string // cgo: pkg-config names
// Dependency information
Imports []string // import paths used by this package
Deps []string // all (recursively) imported dependencies
// Error information
Incomplete bool // this package or a dependency has an error
Error *PackageError // error loading package
DepsErrors []*PackageError // errors loading dependencies
TestGoFiles []string // _test.go files in package
TestImports []string // imports from TestGoFiles
XTestGoFiles []string // _test.go files outside package
XTestImports []string // imports from XTestGoFiles
}

```

`-json` The `-json` flag causes the package data to be printed in JSON format instead of using the template format.

`-e` The `-e` flag changes the handling of erroneous packages, those that cannot be found or are malformed. By default, the `list` command prints an error to standard error for each erroneous package and omits the packages from consideration during the usual printing. With the `-e` flag, the `list` command never prints errors to standard error and instead processes the erroneous

packages with the usual printing. Erroneous packages will have a non-empty ImportPath and a non-nil Error field; other information may or may not be missing (zeroed).

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

AUTHOR

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

2012-05-13

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