GoReleaser Ship Go releases

CONCEPTS

> GoReleaser releases the latest git tag. Use semver tags (v1.2.3) and a clean working tree, or add --snapshot to skip the checks.

> Everything lands in dist/. Use --clean on every run so old artifacts do not mix with new ones.

SETUP

`goreleaser init`
Write an example .goreleaser.yaml

`goreleaser check`
Validate the config file

`goreleaser --help`
List commands and global flags

BUILD

`goreleaser build --snapshot --clean`
Build all targets without a tag

`goreleaser build --single-target --clean`
Build only for this machine

RELEASE

`goreleaser release --clean`
Publish the release for the current tag

`goreleaser release --snapshot --clean`
Full local run, nothing published

`goreleaser release --skip=publish`
Build and package but do not publish

`git tag -a v<x.y.z> -m "<msg>"`
Create the release tag

`git push origin v<x.y.z>`
Push the tag

CONFIG KEYS

`version: 2`
First line of the config file

CONFIG KEYS (cont.)

`builds:`
Binaries to compile

`archives:`
How binaries are packaged

BUILDS

`main: ./cmd/<name>`
Path of the main package

`goos: [linux, darwin, windows]`
Target operating systems

`goarch: [amd64, arm64]`
Target architectures

`env: [CGO_ENABLED=0]`
Build environment variables

`ldflags: [-s -w -X main.version={{.Version}}]`
Linker flags with version stamp

ARCHIVES AND CHECKSUMS

`formats: [tar.gz]`
Archive formats (tar.gz is default)

`name_template: "{{ .ProjectName }}_{{ .Version }}_{{ .Os }}_{{ .Arch }}"`
Archive file name

`format_overrides: [{goos: windows, formats: [zip]}]`
Zip for Windows only

CHANGELOG AND RELEASE

`changelog: filters: exclude: ["^docs:"]`
Hide commits matching a regex

`release: prerelease: auto`
Mark rc/beta tags as pre-releases

TEMPLATES AND SIGNING

`{{ .Version }}`
Version without the leading v