An overview of tools that will help improve your Go code

All-in-one

- [golangci-lint](#) - Bundle of `gofmt`, `golint`, `govet` and many other tools that shares work between the different linters for better performance. Recommended by the original author to replace gometalinter (Drop-in replacement).
- DEPRECATED: [gometalinter](#) - Automates the installation, configuration and application of `gofmt`, `golint`, `govet` and several other code validation tools.

Code Formatting

Articles

- [Formatting Go Code with gofmt](#)

Tools

- [gofmt](#) - Start with the standard Go code formatter
- [golint](#) - Detects style mistakes in Go code
- [goimports](#) - Format code and fix your import statements
- [gofumpt](#) - A stricter gofmt
- [revive](#) - Fast, configurable, extensible, flexible, and beautiful linter for Go

Code generation, Templating and Generics

- [json-to-go](#) - Generate Go structs from JSON.
- [Go gen](#) - Type-driven code generation (generics)
- [gojson](#) - Another Go struct generator.
- [gotemplate](#) - Package-based templating system for Go
- [sqlgen](#) - Generate Go code for SQL interactions.
- [zek](#) - Generate Go struct from XML.

Refactoring

Articles

- [Refactoring with go fmt](#)
- [gorename - easy refactoring](#)
- [Refactoring Tools](#) - An overview of refactoring tools for Go.
- [Quick renaming with gofmt](#)

Tools

- [eg](#) - Example-based refactoring tool for Go
- [gofmt](#) - Start with the standard Go code formatter
- [gorename](#) - Renaming tool for Go

Error Detection

Articles

- [Go Inspection Tools](#) - An overview of tools for Go code inspection.

Tools

- [AlignCheck, StructCheck, VarCheck](#) - A suite of tools for checking your code.
- [errcheck](#) - Ensure you check your error conditions.
- [go vet](#) - Read this first on how to use the `go vet` command.
- [SafeSQL](#) - Protect against unsafe SQL in your code.

Navigation

- [Go Guru - User Manual](#) - A tool for understanding Go code.
- [Pythia](#) - A browser-based UI for Go Guru.

Visualization

- [godepgraph](#) - A tool for generating dependency graphs of Go code.