# Indexes and search engines

These sites provide indexes and search engines for Go packages:

- Awesome Go @LibHunt - Your go-to Go Toolbox.
- pkg.go.dev - A documentation browser for any Go open source package.
- godocs.io - A simple package documentation browser (fork of gddo, the software which previously powered the now-defunct godoc.org)
- go-hardware - Curated list of resources for using Go on non-standard hardware.
- go-patterns - Commonly used patterns and idioms for Go.
- gowalker - API documentation generator and search.
- Go Report Card - Code quality summaries for any Go project.
- Sourcegraph - Source indexing, analysis and search.
- Codeseek.com - Custom search engine with a wealth of Go blogs.

## Dead projects

If you find a project in this list that is dead or broken, please either mark it as such or mention it in the #go-nuts IRC channel.

# Table of Contents

## API Services and Tools

### GraphQL

- GraphJin - Instant GraphQL API for Postgres. No code needed, compiles GraphQL to SQL.

### MTProto

- MTProto - Full-native implementation of Telegram API written on pure Go.

## Astronomy

- go-fits - FITS (Flexible Image Transport System) format image and data reader
- astrogo/fitsio - Pure Go FITS (Flexible Image Transport System) format image and data reader/writer
- cosmo - Cosmological distance and time calculations for common cosmologies (Friedmann-Lemaître-Robertson-Walker metric).
- gonova - A wrapper for libnova -- Celestial Mechanics, Astrometry and Astrodynamics Library
- meeus - Implementation of "Astronomical Algorithms" by Jean Meeus
- novas - Interface to the Naval Observatory Vector Astrometry Software (NOVAS)
- utdfgo - Spacecraft UTDF Packet Reader and Decoder

## Build Tools

- beku - A library and program to manage packages in user's environment (GOPATH or vendor directory)
- colorgo - Colorize go build output
- dogo - Monitoring changes in the source file and automatically compile and run (restart)
- fileembed-go - This is a command-line utility to take a number of source files, and embed them into a Go package
- gb - A(nother) build tool for go, with an emphasis on multi-package projects
- gg - A tiny multi golang projects env/make management tool.
- GG - A build tool for Go in Go
- godag - A frontend to the Go compiler collection
- goenv - goenv provides Go version and Go workspace management tools
- gopei - Simple Go compiler and LiteIDE installer for Unix/Linux that adds many features like github support and presenter.
- go-pkg-config - lightweight clone of pkg-config
- goscons - Another set of SCons builders for Go
- go-server - Agile server framework.
- gotgo - An experimental preprocessor to implement 'generics'
- gows - Go workspace manager
- goxc - A build tool with a focus on cross-compiling, packaging, versioning and distribution
- GVM - GVM provides an interface to manage Go versions
- Realize - A Go build system with file watchers, output streams and live reload. Run, build and watch file changes with custom paths.
- SCons Go Tools - A collection of builders that makes it easy to compile Go projects in SCons
- Task - A task runner / simple alternative to Make

## Caching

- cache2go - Concurrency-safe caching library with expiration capabilities and access counters
- cache - LevelDB style LRU cache for Go, support non GC object cache.
- go-cache - An in-memory key:value store/cache (similar to Memcached) library for Go, suitable for single-machine applications
- golibs/cache - A tiny cache package
- gomemcached - A memcached server in go

- gomemcache - a memcached client
- go-slab - Slab allocator for go.
- groupcache - Caching and cache-filling library, intended as a replacement for memcached in many cases
- libmemcache - Fast client and server libraries speaking memcache protocol
- memcached-bench - Benchmark tool for memcache servers
- memcached - Fast memcache server, which supports persistence and cache sizes exceeding available RAM
- memcache - go memcached client, forked from YouTube Vitess
- rend - A memcached proxy that manages data chunking and L1/L2 caches
- YBC bindings - Bindings for YBC library providing API for fast in-process blob cache
- g2cache -A coordinated local and external two-level caching scheme

## Cloud Computing

- aws-sdk-go - AWS SDK for the Go programming language.
- Docker - The Linux container runtime. Developed by dotCloud.
- Enduro/X ASG Application Server for Go. Provides application server and middleware facilities for distributed transaction processing. Supports microservices based application architecture. Developed by ATR Baltic.
- flamingo - A Lightweight Cloud Instance Contextualizer.
- gocircuit - A distributed operating system that sits on top of the traditional OS on multiple machines in a datacenter deployment. It provides a clean and uniform abstraction for treating an entire hardware cluster as a single, monolithic compute resource. Developed by Tumblr.
- gosync - A package for syncing data to and from S3.
- juju - Orchestration tool (deployment, configuration and lifecycle management), developed by Canonical.
- Kubernetes - Container Cluster Manager from Google.
- LXD Daemon based on liblxc offering a REST API to manage containers
- mgmt - Next Generation Configuration Management tool (parallel, event driven, distributed system) developed by @purpleidea, (a Red Hat employee) and the mgmt community.
- rclone - "rsync for cloud storage" - Google Drive, Amazon Drive, S3, Dropbox, Backblaze B2, One Drive, Swift, Hubic, Cloudfiles, Google Cloud Storage, Yandex Files
- ShipBuilder - ShipBuilder is a minimalist open source platform as a service, developed by Jay Taylor.
- swift - Go language interface to Swift / Openstack Object Storage / Rackspace cloud files
- Tsuru - Tsuru is an open source polyglot cloud computing platform as a service (PaaS), developed by Globo.com.

## Command-line Option Parsers

- argcfg - Use reflection to populate fields in a struct from command line arguments
- autoflags - Populate go command line app flags from config struct
- carapace - Command argument completion generator for spf13/cobra.
- cobra - A commander for modern go CLI interactions supporting commands & POSIX/GNU flags
- cli - A Go library for implementing command-line interfaces.
- cmdline - A simple parser with support for short and long options, default values, arguments and subcommands.
- command - Add subcommands to your CLI, provides help and usage guide.
- docopt.go - An implementation of docopt in the Go programming language.
- flag - Command-line options parsing library, POSIX/GNU compliant, supports struct tags as well as the Go's flag approach.
- getopt - full featured traditional (BSD/POSIX getopt) option parsing in Go style
- getopt - Yet Another getopt Library for Go. This one is like Python's.
- gnuflag - GNU-compatible flag parsing; substantially compatible with flag.

- go-commander - Simplify the creation of command line interfaces for Go, with commands and sub-commands, with argument checks and contextual usage help. Forked from the "go" tool code.
- go-flags - command line option parser for go
- go-getoptions - Go option parser inspired on the flexibility of Perl s GetOpt::Long.
- goopt - a getopt clone to parse command-line flags
- go-options - A command line parsing library for Go
- `mellium.im/cli` A library for parsing modern CLI apps including subcommands that may have their own flags and a built in help system. Designed to use a minimal API.
- options - Self documenting CLI options parser
- opts.go - lightweight POSIX- and GNU- style option parsing
- pflag - Drop-in replacement for Go's flag package, implementing POSIX/GNU-style --flags.
- subcommands - A concurrent, unit tested, subcommand library
- uggo - Yet another option parser offering gnu-like option parsing. This one wraps (embeds) flagset. It also offers rudimentary pipe-detection (commands like ls behave differently when being piped to).
- xflags - Expressive flags for Go
- writ - A flexible option parser with thorough test coverage. It's meant to "just work" and stay out of the way.

## Command-line Tools

- amqp-message-remover - Removes unwanted messages by regexp pattern from AMQP queue
- Arduino-cli - Arduino CLI is an all-in-one solution that provides builder, boards/library manager, uploader, discovery and many other tools needed to use any Arduino compatible board and platforms.
- awless - A Mighty command-line interface for Amazon Web Services (AWS).
- boilr - A blazing fast CLI tool for creating projects from boilerplate templates.
- carapace-bin - Multi-shell multi-command argument completer.
- comb-go - A CLI tool implemented by Golang to manage CloudComb resources.
- coshell - A drop-in replacement for GNU 'parallel'.
- dasel - Query and update data structures using selectors from the command line. Comparable to jq / yq but supports JSON, YAML, TOML and XML with zero runtime dependencies.
- DevTodo2 - A small command-line per-project task list manager.
- dsio - Command line tool for Google Cloud Datastore.
- efs2 - A dead-simple configuration management tool that is powered by stupid shell scripts.
- enumeration - Easy enumeration code generation.
- fzf - A command-line fuzzy finder
- gich - A cross platform which utility written in Go
- gister - Manage your github gists from the command-line
- git-time-metric - Simple, seamless, lightweight time tracking for Git
- gmail2go - Simple gmail multiple accounts cli mail checker
- go-amqp-sniffer - Listens from AMQP exchange and streams messages to standard output in mongoimport compatible JSON
- gocreate - Command line utility that create files from templates.
- godocdoc - Start godoc and open it in your browser to the project in the current directory.
- gojson - Command-line tool for manipulating JSON for use in developing Go code.
- golor - golor is a command line tool for golang source code coloring
- GoNote - Command line SimpleNote client.
- gopass - Command line password manager with git syncing capabilities
- GoPasswordCreator - A small tool, which creates random passwords
- Grozilla - File downloader utility with resume capability.
- JayDiff - A JSON diff utility written in Go.
- jsonpp - A fast command line JSON pretty printer.
- lsp - A human-friendlier alternative to `ls`

- ltst - View the latest news of your choosing right in your terminal
- passhash - Command-line utility to create secure password hashes
- passman - A command-line password manager
- pdfcpu - PDF processor.
- pjs - Pretty print and search through JSON data structures fast.
- project - Very simple CLI tool to setup new projects from boilerplate templates.
- redis-view - A tree like tool help you explore data structures in your redis server
- remote-torrent - A simple tool for downloading Torrent remotely and retrieving files back over HTTP at full speed without ISP Torrent limitation
- restic - A fast, efficient and secure backup program
- runtemplate - A very simple command-line tool for executing Go templates, useful for use with `go generate`.
- runtemplate - A simple tool for executing Go templates to support generating Go code for your types.
- sift - A fast and powerful open source alternative to `grep`
- tecla - Command-line editing library
- Terracognita - Reads from existing Cloud Providers (reverse Terraform) and generates your infrastructure as code on Terraform configuration.
- wlog - A simple logging interface that supports cross-platform color and concurrency.
- wmenu - An easy to use menu structure for cli applications that prompts users to make choices.
- mani - CLI tool to help you manage multiple repositories

## Compression

- brotli - go bindings for Brotli algorithm.
- compress - Faster drop in replacements for gzip, zip, zlib, deflate.
- dgolzo - LZO bindings.
- go-lzo - Pure-Go LZO compressor/decompression, faithful translation of the C codebase.
- dictzip - A reader and writer for files in the random access `dictzip` format.
- fast-archiver - Alternative archiving tool with fast performance for huge numbers of small files.
- gbacomp - A Go library to (de)compress data compatible with GBA BIOS.
- go-lz4 - Port of LZ4 lossless compression algorithm to Go.
- go-lzss - Implementation of LZSS compression algorithm in Go.
- go-sevenzip - Package sevenzip implements access to 7-zip archives (wraps C interface of LZMA SDK).
- go-zip - A wrapper around C library libzip, providing ability to modify existing ZIP archives.
- lz4 - High performance, concurrent LZ4 implementation.
- lzma - compress/lzma package for Go.
- pgzip - Multicore gzip, compatible with the standard library.
- ppmd-go - Golang bindings for the LZMA SDK library. (Only binded PPMD)
- s2 - High throughput Snappy extension.
- snappy-go - Google's Snappy compression algorithm in Go.
- yenc - yenc decoder package.
- zappy - Package zappy implements the zappy block-based compression format. It aims for a combination of good speed and reasonable compression.
- zstd - Pure Go Zstandard compression/decompression.

## Concurrency and Goroutines

- grpool - Lightweight Goroutine pool.
- pool - Go consumer goroutine pool for easy goroutine handling + time saving.
- tunny - A goroutine pool.
- worker - An easy and lightweight concurrent job framework.

## Configuration File Parsers

- awsenv - a small binary that loads Amazon (AWS) environment variables for a profile
- `code.soquee.net/env` — Load environment variables from `.env` or similar files, or from any `io.Reader` and populate the local environment.
- confl - nginx config syntax, lenient, encode/decode, custom marshaling
- configor - Golang Configuration tool that support YAML, JSON, TOML, Shell Environment
- fig - Tiny library for reading configuration from a file and from environment variables (with validation & defaults).
- flagfile - Adds parsing and serialization support to the standard library flag package (adds a --flagfile option)
- gcfg - read INI-style configuration files into Go structs; supports user-defined types and subsections
- globalconf - Effortlessly persist to and read flag values from an ini config file
- goconf - a configuration file parser
- goconfig - Configuration based on struct introspection, supports environment vars, command line args, and more.
- hjson - Human JSON, a configuration file format for humans. Relaxed syntax, fewer mistakes, more comments.
- hocon - Configuration library for working with the HOCON(a human-friendly JSON superset) format, supports features like environment variables, referencing other values, comments and multiple files.
- jsonconfig - a JSON configuration file parser with comments support
- koanf - Light weight, extensible library for reading config in Go applications. Built in support for JSON, TOML, YAML, env, command line.
- lib/ini - Package ini implement reading and writing INI text format as defined by Git configuration file syntax.
- lib/ssh/config - Package config provide the ssh_config(5) parser and getter.
- nestext - Package nestext provides tools for processing NestedText, a human friendly data format.
- properties - Library for reading and writing properties files
- scribeconf - Facebook Scribe server configuration file parser
- toml:
  - go-toml-config - TOML-based config for Go
  - go-toml - Go library for the TOML language
  - gp-config - Subset of TOML syntax with basic and reflection APIs
  - toml-go - An easy-to-use Go parser for the Toml format
  - toml - TOML parser for Go with reflection
  - tom-toml - TOML parser for Go, support comments/formatter/apply.
- uConfig - an unopinionated, extendable and plugable configuration management. Supports YAML, TOML, JSON, Env vars, K8s DAPI, et al.
- viper - a complete configuration solution supporting YAML, TOML & JSON and integration with command line flags
- yaml:
  - yaml - YAML support for the Go language, by Canonical
  - goyaml - A port of LibYAML to Go
  - go-yaml - YAML support for the Go language

## Console User Interface

- ansi - Easily create ansi escape code strings and closures to format, color console output
- ansiterm - pkg to drive text-only consoles that respond to ANSI escape sequences
- box-cli-maker - Make Highly Customized Boxs for your CLI.

- bubbletea - A powerful little TUI framework
- cons - A simple package for building interactive console tools.
- gnureadline - GNU Readline bindings
- go-ansiout - Another ANSI escape code sequence tool for use with command-line applications.
- gockel - a Twitter client for text terminals
- gocui - Minimalist library aimed at creating Console User Interfaces
- gocurse - Go bindings for NCurses
- gocurses - NCurses wrapper
- go-ibgetkey - "hot key" type user input package for use in processing keystrokes in command-line applications.
- go.linenoise - Linenoise bindings (simple and easy readline with prompt, optional history, optional tab completion)
- goncurses - An ncurses library, including the form, menu and panel extensions
- gopass - Allows typing of passwords without echoing to screen
- go-pullbarz - Fancy "light bar" menus like in Lotus 123 from the DOS days. Dependent on go-ibgetkey and go-ansiout.
- go.sgr - Terminal/console colors and text decoration (bold,underlined,etc).
- go-stfl - a thin wrapper around STFL, an ncurses-based widget toolkit
- goterminal - A go library that lets you write and then re-write the text on terminal, to update progress. It works on Windows too!
- go-web-shell - Remote web shell, implements a net/http server.
- igo - A simple interactive Go interpreter built on exp/eval with some readline refinements
- oh - A Unix shell written in Go
- pty - obtain pseudo-terminal devices
- readline - A pure go implementation for GNU-Readline kind library
- tcell - Tcell is an alternate terminal package, similar in some ways to termbox, but better in others.
- termbox-go - A minimalist alternative to ncurses to build terminal-based user interfaces
- termios - Terminal support
- termon - Easy terminal-control-interface for Go.
- uilive - uilive is a go library for updating terminal output in realtime.
- uiprogress - A library to render progress bars in terminal applications.
- uitable - A library to improve readability in terminal apps using tabular data.
- yandex-weather-cli - Command line interface for Yandex weather service

## Continuous Integration

- goveralls - Go integration for Coveralls.io continuous code coverage tracking system.
- overalls - Multi-Package go project coverprofile for tools like goveralls

## Cryptocurrency

- Skycoin - Skycoin is a next-generation cryptocurrency written in Go. Skycoin is not designed to add features to Bitcoin, but rather improves Bitcoin by increasing simplicity, security and stripping out everything non-essential.

## Cryptography

- BLAKE2b - Go implementation of BLAKE2b hash function
- cryptogo - some useful cryptography-related functions, including paddings (PKCS7, X.923), PBE with random salt and IV
- cryptoPadding - Block padding schemes implemented in Go
- dkeyczar - Go port of Google'e Keyczar cryptography library

- dkrcrypt - Korean block ciphers: SEED and HIGHT
- dskipjack - Go implementation of the SKIPJACK encryption algorithm
- go-cs - concurrent ssh client.
- go-ed25519 - CGO bindings for Floodberry's ed25519-donna. Fast batch verification.
- go-hc128 - Go implementation of HC-128, an eSTREAM stream cipher
- go-jose - Go implementation of the JOSE standards
- go-lioness - Lioness wide-block cipher using Chacha20 and Blake2b
- go-minilock - Go implementation of the minilock file encryption system.
- GoSkein - Implementation of Skein hash and Threefisch crypto for Go
- go-sphinxmixcrypto - Sphinx mix network cryptographic packet format operations
- keccak - A keccak (SHA-3) implementation
- ketama.go - libketama-style consistent hashing
- kindi - encryption command line tool
- openssl - openssl bindings for go
- otrcat - a general purpose command-line tool for communicating using the Off-The-Record protocol
- scrypt - Go implementation of Colin Percival's scrypt key derivation function
- secureio - An easy-to-use XChaCha20-encryption wrapper for `io.ReadWriteCloser` using ECDH key exchange algorithm, ED25519 signatures and Blake3+Poly1305 checksums/message-authentication. Also a multiplexer.
- simpleaes - AES encryption made easy
- siphash - SipHash: a fast short-input pseudorandom function
- SRP - SRP: Secure Remote Password - Implementation in go
- ssh-vault - encrypt/decrypt using ssh keys
- themis - Multi-platform high-level cryptographic library for protecting sensitive data: secure messaging with forward secrecy, secure data storage (AES256GCM); suits for building end-to-end encrypted applications
- tiger - Tiger cryptographic hashing algorithm
- whirlpool - whirlpool cryptographic hashing algorithm

## Data Processing

- automi - Compose process and integration flows on Go channels
- Gleam - Fast, efficient, and scalable distributed map/reduce system, DAG execution, in memory or on disk, runs standalone or distributedly.
- Glow - Glow is an easy-to-use distributed computation system, similar to Hadoop Map Reduce, Spark, Flink, Storm.
- gostatsd - Statsd server and library.
- Heka - Real time data and log file processing engine.
- Kapacitor - Framework for processing, monitoring and alerting on timeseries data.
- parapipe - FIFO Pipeline which parallels execution on each stage while maintaining the order of messages and results
- pipe - Several functional programming supporting in golang (Map/Reduce/Filter)
- proto - Map/Reduce/Filter etc. for Go using channels as result streams.
- ratchet - A library for performing data pipeline / ETL tasks in Go.
- regommend - Recommendation engine.
- rrd - Bindings for rrdtool.
- XConv - Convert any value between types (base type, struct, array, slice, map, etc.)

## Data Structures

### Collections

- collections - Several common data structures

- data-structures - A collection of data-structures (ArrayList, SortedList, Set, AVL Tree, Immutable AVL Tree, B+Tree, Ternary Search Trie, Hash Table (Separate Chaining), Linear Hash Table)
- ps - Persistent data structures
- Tideland golib - A collections library

## Hashtables

- bimap - A simple bidirectional map implementation
- gohash - A simple linked-list hashtable that implements sets and maps
- go-maps - Go maps generalized to interfaces

## Lists

- fs2/mmlist - A memory mapped list.
- GoArrayList - GoArrayList is a Go language substitute for the Java class ArrayList, with very nearly all features.
- goskiplist - A skip list implementation in Go.
- itreap - An immutable ordered list, internally a treap.
- ListDict - Python List and Dict for Go
- skip - A fast position-addressable ordered map and multimap.
- Skiplist - A fast indexable ordered multimap.
- skiplist - A skip list implementation. Highly customizable and easy to use.
- skiplist - Skiplist data structure ported from Redis's Sorted Sets.
- stackgo - A fast slice-based stack implementation.

## Queues

- fifo_queue - Simple FIFO queue
- figo - A simple fifo queue with an optional thread-safe version.
- go.fifo - Simple auto-resizing thread-safe fifo queue.
- gopqueue - Priority queue at top of container/heap
- go-priority-queue - An easy to use heap implementation with a conventional priority queue interface.
- golibs/stack - A LIFO and ringbuffer package
- gringo - A minimalist queue implemented using a stripped-down lock-free ringbuffer
- heap - A general heap package without converting elements to `interface{}` and back.
- queued - A simple network queue daemon
- queue - A queue manager on top of Redis

## Graphs

- graph - Library of basic graph algorithms
- graphs - Implementation of various tree, graph and network algorithms
- groph - A pure Go library of graphs and algorithms

## Sets

- disjoint - Disjoint sets (union-find algorithm with path compression)
- golang-set - A full thread-safe and unsafe set implementation for Go.
- goset - A simple, thread safe Set implementation
- set - Set data structure for Go

## Trees

- b - Package b implements B+trees with delayed page split/concat and O(1) enumeration. Easy production of source code for B+trees specialized for user defined key and value types is supported by a simple text replace.

- btree - Package btree implements persistent B-trees with fixed size keys, http://en.wikipedia.org/wiki/Btree
- btree - In-memory (not persistent) B-tree implementation, similar API to GoLLRB
- go-avltree - AVL tree (Adel'son-Vel'skii & Landis) with indexing added
- go-btree - Simple balance tree implementation
- go-darts - Double-ARray Trie System for Go
- GoLLRB - A Left-Leaning Red-Black (LLRB) implementation of 2-3 balanced binary search trees in Google Go
- go-merkle - Merkle-ized binary (search) trees with proofs.
- go-radix, go-radix-immutable - Radix tree implementations.
- go-stree - A segment tree implementation for range queries on intervals
- gtreap - Persistent treap implementation.
- prefixmap - Simple trie-based prefix-map for string-based keys
- rbtree - A high performance red-black tree with an API similar to C++ STL's for set, map, multiset, multimap.
- rbtree - Yet another red-black tree implementation, with a C++ STL-like API
- rtreego - an R-Tree library
- triego - Simple trie implementation for storing words

### Other

- aurora - Cross-platform Beanstalk queue server console.
- bigendian - binary parsing and printing
- deepcopy - Make deep copies of data structures
- dgobloom - A Bloom Filter implementation
- epochdate - Compact dates stored as days since the Unix epoch
- etree - Parse and generate XML easily
- excelize - Go library for reading and writing Microsoft Excel (XLSX) files.
- fsm - Minimalistic state machine for use instead of booleans
- go-algs/ed - Generalized edit-distance implementation
- go-algs/maxflow - An energy minimization tool using max-flow algorithm.
- gocrud - Framework for working with arbitrary depth data structures.
- go-extractor - Go wrapper for GNU libextractor
- Gokogiri - A lightweight libxml wrapper library
- GoNetCDF - A wrapper for the NetCDF file format library
- goop - Dynamic object-oriented programming support for Go
- gopart- Type-agnostic partitioning for anything that can be indexed in Go.
- gotoc - A protocol buffer compiler written in Go
- govalid - Data validation library
- goxlsxwriter - Golang bindings for libxlsxwriter for writing XLSX (Excel) files
- goxml - A thin wrapper around libxml2
- hyperloglog - An implementation of the HyperLogLog and HyperLogLog++ algorithms for estimating cardinality of sets using constant memory.
- itertools - Provides generic iterable generator function along with functionality similar to the itertools python package.
- jsonv - A JSON validator
- libgob - A low level library for generating gobs from other languages
- mxj - Marshal/Unmarshal XML doc from/to `map[string]interface{}` or JSON
- ofxgo - A library for querying OFX servers and/or parsing the responses (and example command-line client).
- Picugen - A general-purpose hash/checksum digest generator.
- simple-sstable - A simple, no-frills SSTable format and implementation in Go.
- tribool - Ternary (tree-valued) logic for Go
- Tuple - Tuple is a go type that will hold mixed types / values

- vcard - Reading and writing vcard file in go. Implementation of RFC 2425 (A MIME Content-Type for Directory Information) and RFC 2426 (vCard MIME Directory Profile).
- weightedrandom - A library for efficient weighted random picking
- xlsx - A library to help with extracting data from Microsoft Office Excel XLSX files.

## Databases

See also [[SQLDrivers page|SQLDrivers]].

### CockroachDB

- cockroachdb - A Scalable, Survivable, Strongly-Consistent SQL Database

### Hazelcast IMDG

- Hazelcast IMDG Go Client - The official Go client implementation for Hazelcast IMDG, the open source in-memory data grid.

### MongoDB

- mgo - Rich MongoDB driver for Go
- Mongo Driver - Official MongoDB Go driver
- rocks-stata - MongoDB Backup Utility

### MySQL

- Go-MySQL-Driver - A lightweight and fast MySQL-Driver for Go's database/sql package
- MyMySQL - MySQL Client API written entirely in Go.
- mysqlsuperdump - Generate partial and filtered dumps of MySQL databases
- TiDB - MySQL compatible distributed database modeled after Google's F1 design.
- vitess - Scaling MySQL databases for the web

### ODBC

- go-odbc - ODBC Driver for Go
- odbc3-go - This package is wrapper around ODBC (version 3).

### PostgreSQL

- `code.soquee.net/migrate` A library for generating, applying, and listing PostgreSQL database migrations using a mechanism that's compatible with Rust's Diesel.
- go-libpq - cgo-based Postgres driver for Go's database/sql package
- go-pgsql - A PostgreSQL client library for Go
- kallax - PostgreSQL typesafe ORM
- pgsql.go - PostgreSQL high-level client library wrapper
- pgx - Go PostgreSQL driver that is compatible with database/sql and has native interface for more performance and features
- pq - Pure Go PostgreSQL driver for database/sql
- yoke - Postgres high-availability cluster with auto-failover and automated cluster recovery

### QL

- ql - A pure Go embedded (S)QL database.

### Redis

- godis - Simple client for Redis
- Go-Redis - Client and Connectors for Redis key-value store

- go-redis - Redis client built on the skeleton of gomemcache
- Redigo - Go client for Redis.
- redis - Redis client for Go
- rueidis - Fast Redis RESP3 client that supports client side caching and auto pipelining.

### RethinkDB

- GoRethink - RethinkDB Driver for Go

### SQLite

- gosqlite3 - Go Interface for SQLite3
- gosqlite (forked) - A fork of gosqlite
- gosqlite - a trivial SQLite binding for Go.
- go-sqlite - A database/sql driver and standalone sqlite3 interface
- go-sqlite-lite - A simple SQLite package for Go.
- mattn's go-sqlite3 - sqlite3 driver conforming to the built-in database/sql interface

### Vertica

- vertica-sql-go - A pure Go driver for Vertica database.

### ORM

- beedb - beedb is an ORM for Go. It lets you map Go structs to tables in a database
- ent - An entity framework for Go
- FilterXorm - Build conditions for xorm project.
- go-modeldb - A simple wrapper around sql.DB for struct support.
- gorm - An ORM library for Go, aims for developer friendly
- gorp - SQL mapper for Go
- go-firestorm - Simple Go ORM for Cloud Firestore
- go-store - Data-store library for Go that provides a set of platform-independent interfaces to persist and retrieve key-value data.
- hood - Database agnostic ORM for Go. Supports Postgres and MySQL.
- lore - Simple and lightweight pseudo-ORM/pseudo-struct-mapping environment for Go.
- qbs - Query By Struct. Supports MySQL, PostgreSQL and SQLite3.
- sqlboiler - Database-first ORM via code generation.
- sqlgen - Go code generation for SQL interaction.
- structable - Struct-to-table database mapper.
- xorm - Simple and Powerful ORM for Go.
- reform - A better ORM for Go, based on non-empty interfaces and code generation.
- go-queryset - 100% type-safe ORM for Go with code generation and MySQL, PostgreSQL, Sqlite3, SQL Server support.

### Key-Value-Stores

- bolt - Persistent key/value store inspired by LMDB.
- dbm - Package dbm (WIP) implements a simple database engine, a hybrid of a hierarchical and/or a key-value one.
- fs2/bptree - A memory mapped B+Tree with duplicate key support. Appropriate for large amounts of data (aka +100 GB). Supports both anonymous and file backed memory maps.
- Diskv - Home-grown, disk-backed key-value store
- etcd - Highly-available key value store for shared configuration and service discovery
- olric Distributed cache and in-memory key/value data store. It can be used both as an embedded Go library and as a language-independent service.

- gkvlite - Pure go, simple, ordered, atomic key-value persistence based on append-only file format.
- gocask - Key-value store inspired by Riak Bitcask. Can be used as pure go implementation of dbm and other kv-stores.
- goleveldb - Another implementation of LevelDB key/value in pure Go.
- kv - Yet another key/value persistent store. Atomic operations, two phase commit, automatic crash recovery, ...
- leveldb-go - This is an implementation of the LevelDB key/value database.
- levigo - levigo provides the ability to create and access LevelDB databases.
- persival - Programatic, persistent, pseudo key-value storage

### Graph Databases

- cayley - 100% Go graph database, inspired by Freebase and the Google Knowledge Graph.
- Dgraph - Fast, Distributed Graph DB with a GraphQL-like API.
- go-gremlin - A Go client for the Apache TinkerTop Graph analytics framework (Gremlin server).

### NoSQL

- couchgo - The most feature complete CouchDB Adapter for Go. Modeled after couch.js.
- influxdb - Scalable datastore for metrics, events, and real-time analytics
- Kivik - Kivik provides a common Go and GopherJS client library for CouchDB, PouchDB, and similar databases.
- ledisdb - A high performance NoSQL like Redis.
- nodb - A pure Go embed Nosql database with kv, list, hash, zset, bitmap, set.
- tiedot - A NoSQL document database engine using JSON for documents and queries; it can be embedded into your program, or run a stand-alone server using HTTP for an API.

### Other

- cabinet - Kyoto Cabinet bindings for go
- camlistore - Personal distributed storage system for life.
- cdb.go - Create and read cdb ("constant database") files
- CodeSearch - Index and perform regex searches over large bodies of source code
- dbxml - A basic interface to Oracle Berkeley DB XML
- drive - A Google drive command line client
- Event Horizon - Toolkit for Command Query Responsibility Segregation and Event Sourcing (CQRS/ES)
- go-batcher - Simply create and use batch handler in Go
- go-clickhouse - Connector to Yandex Clickhouse (column-oriented database)
- go-db-oracle - GO interface to Oracle DB
- gographite - statsd server in go (for feeding data to graphite)
- gokabinet - Go bindings for Kyoto Cabinet DBM implementation
- go-model - Robust & Easy to use struct mapper and utility methods for Go
- go-notify - GO bindings for the libnotify
- goprotodb - A binding to Berkeley DB storing records encoded as Protocol Buffers.
- go-rexster-client - Go client for the Rexster graph server (part of the TinkerPop suite of graph DB tools)
- goriak - Database driver for riak database (project homepage is now on bitbucket.org)
- goriakpbc - Riak driver using Riak's protobuf interface
- gotyrant - A Go wrapper for tokyo tyrant
- go-wikiparse - mediawiki dump parser for working with wikipedia data
- hdfs - go bindings for libhdfs
- JGDB - JGDB stands for Json Git Database
- mig - Simple SQL-based database migrations

- mongofixtures - A Go quick and dirty utility for cleaning MongoDB collections and loading fixtures into them.
- Neo4j-GO - Neo4j REST Client in Go
- neoism - Neo4j graph database client, including Cypher and Transactions support.
- null - Package for handling null values in SQL
- Optimus Cache Prime - Smart cache preloader for websites with XML sitemaps.
- piladb - Lightweight RESTful database engine based on stack data structures.
- pravasan - Simple Migration Tool (like rake db:migrate with more flexibility)
- remapper - library to convert/map data from one type to another
- riako - High level utility methods for interacting with Riak databases
- sqlbuilder - SQL query builder with row mapping
- sqlf - Create parameterized SQL statements in Go, sprintf style
- squirrel - Fluent SQL generation for Go
- Sublevel - Separate sections of the same LevelDB
- Weed File System - fast distributed key-file store
- whisper-go - library for working with whisper databases
- xo - CLI to generate idiomatic Go code for databases

## Date

- date - A package for working with dates.
- date - For dates, date ranges, time spans, periods, and time-of-day.
- goment - Go time library inspired by Moment.js
- gostrftime - strftime(3) like formatting for time.Time
- hijri - A small helper library to convert a Hijri date to a Gregorian date according to Ummul Qura calendar.
- now - Now is a time toolkit for golang.
- tai64 - tai64 and tai64n parsing and formatting
- Tideland golib - Timex extensions
- tuesday - A Strftime implementation that's compatible with Ruby's `Time.strftime`

## Development Tools

- cwrap - Go wrapper (binding) generator for C libraries.
- demand - Download, build, cache and run a Go app easily.
- glib - Bindings for GLib type system
- go-callvis - Visualize call graph of your Go program using dot format.
- gocog - A code generator that can generate code using any language
- godepgraph - Create a dependency graph for a go package
- godev - Recompiles and runs your Go code on source change. Also watches all your imports for changes.
- godiff - diff file comparison tool with colour html output
- gonew - A tool to create new Go projects
- go-play - A HTML5 web interface for experimenting with Go code. Like https://go.dev/doc/play but runs on your computer
- gore - A Go REPL. Featured with line editing, code completion, and more
- gorun - Enables Go source files to be used as scripts.
- go-spew - Implements a deep pretty printer for Go data structures to aid in debugging
- goven - Easily copy code from another project into yours
- gowatcher - Reload a specified go program automatically by monitoring a directory.
- GoWatch - GoWatch watches your dev folder for modified files, and if a file changes it restarts the process.
- goweb - Literate programming tools for Go based on CWEB by Donald Knuth and Silvio Levy.
- goyaccfmt - Auto reformat Goyacc source files.

- hopwatch - simple debugger for Go
- hsandbox - Tool for quick experimentation with Go snippets
- Inject - Library for dependency injection in Golang (from Facebook)
- liccor - A tool for updating license headers in Go source files
- liteide - An go auto build tools and qt-based ide for Go
- Livedev - Livedev is a development proxy server that enables live code reloading.
- Martian - HTTP proxy designed for use in E2E testing.
- nvm-windows - Node.js version manager for Windows
- prettybenchcmp - Store and compare benchmarks history locally.
- rerun - Rerun watches your binary and all its dependencies so it can rebuild and relaunch when the source changes.
- sling - Network traffic simulator and test automation tool to send file requests through the HTTP or TCP protocol, control rate frequency, number of concurrent connections, delays, timeouts, and collect the response time statistics, mean, and percentiles.
- syntaxhighlighter - language-independent code syntax highlighting library
- toggle - A feature toggle library with built in support for environment variable backed toggling. pluggable backing engine support.
- trace - A simple debug tracing

### Emacs Tags

- egotags - ETags generator
- tago1 - etags generator for go that builds with go 1
- tago - Emacs TAGS generator for Go source

## Distributed/Grid Computing

- celeriac - A library for adding support for interacting and monitoring Celery workers, tasks and events in Go
- donut - A library for building clustered services in Go
- libchan - Go-like channels over the network
- locker - A distributed lock service built on top of etcd.
- dlock - A native Go distributed lock manager (client and server) using gRPC.
- mangos - An implementation of the Scalable Protocols based on nanomsg
- redsync - Redis-based distributed mutual exclusion lock implementation
- Skynet - Skynet is distributed mesh of processes designed for highly scalable API type service provision.
- Tideland golib - Includes a map/reduce library

## Documentation

- examplgen - Insert code from .go files to documents (examples to project's readme, for instance).
- godocdown - Format package documentation (godoc) as GitHub friendly Markdown
- golangdoc - Godoc for Golang, support translate.
- Mango - Automatically generate unix man pages from Go sources
- redoc - Commands documentation for Redis
- sphinxcontrib-golangdomain - Sphinx domain for Go
- test2doc - Generate documentation for your go units from your unit tests.

## Editors

- A - A graphical text and binary editor based on Acme
- Conception - Conception is an experimental research project, meant to become a modern IDE/Language package. demo video
- de - A modal graphical editor with Acme and vi features

- Gide - Go IDE built in the go-native GoGi GUI
- Go-bbpackage - BBEdit package for Go development
- goclipse - An Eclipse-based IDE for Go.
- Go conTEXT - Highlighter plugin
- godev - Web-based IDE for the Go language
- godit - A microemacs-like text editor written in Go.
- gofinder - (code) search tool for acme
- go-gedit - Google Go language plugin for gedit
- golab - go local application builder - a web-based Go ide
- Google Go for Idea - Google Go language plugin for Intellij IDEA
- micro - A modern and intuitive terminal-based text editor.
- tabby - Source code editor
- T - An Acme/Sam like text editor
- ViGo - A vim-like text editor.
- Wide - A Web-based IDE for Teams using Golang.

## Email

- chasquid - SMTP server written in Go.
- gmail - Simple library for sending emails from a Gmail account, for people not interested in dealing with protocol details.
- Gomail - A simple and efficient package to send emails.
- go-mail - Email utilities including RFC822 messages and Google Mail defaults.
- go-ses - Amazon AWS Simple Email Service (SES) API client
- go-simple-mail - "Golang package for send email. Support keep alive connection, TLS and SSL. Easy for bulk SMTP."
- Hectane - Lightweight SMTP client including a built-in mail queue backed by on-disk storage.
- Inbucket - Inbucket is an email testing service; it will accept messages for any email address and make them available to view via a web interface.
- mail.go - Parse email messages
- MailHog - Email testing service, inspired by MailCatcher.
- MailSlurper - A handy SMTP mail server useful for local and team application development. Slurp mail into oblivion!

## Error handling

- `code.soquee.net/problem` Package problem implements errors for HTTP APIs similar to the ones described by RFC7807.
- errgo - Error tracing and annotation.
- errors - errors augments and error with a file and line number.
- errors - The juju/errors package provides an easy way to annotate errors without losing the original error context, and get a stack trace back out of the error for the locations that were recorded.
- goerr - Allows to make a separate(modular) and reusable error handlers. Exception-like panic() recover() mechanism using Return(error) and catching err := OR1(..)
- hierr - Nesting errors in hierarchy.
- panicparse - Parse panics with style.
- Space Monkey errors - Go's missing errors library - stack capture, error hierarchies, error tags
- Tideland golib - Detailed error values

## Encodings and Character Sets

- base58 - Human input-friendly base58 encoding

- bencode-go - Encoding and decoding the bencode format used by the BitTorrent peer-to-peer file sharing protocol
- bsonrpc - BSON codec for net/rpc
- chardet - Charset detection library ported from ICU
- charmap - Character encodings in Go
- codec-msgpack-binc High Performance and Feature-Rich Idiomatic Go Library providing encode/decode support for multiple binary serialization formats: msgpack
- colfer - high-performance binary codec
- gobson - BSON (de)serializer
- go-charset - Conversion between character sets. Native Go.
- go.enmime - MIME email parser library for Go (native)
- go-msgpack - Comprehensive MsgPack library for Go, with pack/unpack and net/rpc codec support (DEPRECATED in favor of codec )
- gopack - Bit-packing for Go
- go-simplejson - a Go package to interact with arbitrary JSON
- go-wire - Binary and JSON codec for structures and more
- go-xdr - Pure Go implementation of the data representation portion of the External Data Representation (XDR) standard protocol as specified in RFC 4506 (obsoletes RFC 1832 and RFC 1014).
- iconv-go - iconv wrapper with Reader and Writer
- magicmime -- Mime-type detection with Go bindings for libmagic
- Mahonia - Character-set conversion library in Go
- mimemagic - Detect mime-types automatically based on file contents with no external dependencies
- mimemagic - A pure-Go MIME sniffing library/tool based on the FreeDesktop.org spec
- msgpack - Msgpack format implementation for Go
- msgpack-json - Command-line utilities to convert between msgpack and json
- nnz - String and Int primitives that serialize to JSON and SQL null
- storable - Write perl storable data
- TNetstring - tnetstrings (tagged Netstrings)

## File Systems

- afero - A File Sytem abstraction system for Go
- go.fs - A virtual file system abstraction layer.
- poller - Package poller is a file-descriptor multiplexer. It allows concurent Read and Write operations from and to multiple file-descriptors.
- vfsgen - Generates a vfsdata.go file that statically implements the given virtual filesystem.

## Games

- Bampf - Arcade style game based on the Vu 3D engine.
- bloxorz - Solver for bloxorz basic levels
- ChessBuddy - Play chess with Go, HTML5, WebSockets and random strangers!
- Fergulator - An NES emulator, using SDL and OpenGL
- FlappyBird - A simple flappy bird clone written in golang.
- godoku - Go Sudoku Solver - example of "share by communicating"
- Gongo - A program written in Go that plays Go
- gospeccy - A ZX Spectrum 48k Emulator
- Ludo Game - Ludo Board game powered by Go on Appengine
- pinkman - command line based chess interface to UCI compatible chess engines
- Pong - A simple Pong clone written in golang
- pong-command - Joke command,ping-like pong.

- Steven - A Minecraft client in Go
- ukodus - Sudoku solver in Go
- WolfenGo - A Wolfenstein3D clone in Go, using OpenGL 2.1
- GoChess - Play chess with friends on terminal

## GIS

- geojson - Go package to quick and easy create json data in geojson format. description
- go-geom - Efficient Open Geo Consortium-style geometries with native Go GeoJSON and WKB encoding and decoding (work-in-progress)
- go.geo - Geometry/geography library targeted at online mapping (deprecated by author in favor of his new gis library `orb`.)
- go.geojson - Marshalling and Unmarshalling of GeoJSON objects
- gogeos - Go library for spatial data operations and geometric algorithms
- go-proj-4 - An interface to the Cartographic Projections Library PROJ.4
- go-kml - Google Earth KML generation
- go-polyline - Google Maps polyline encoding and decoding
- orb - 2d geometry manipulation (length, area, polygon contains, etc.) with geojson, wkb, mvt support
- osm - General purpose library for reading, writing and working with OpenStreetMap data
- UTM - Bidirectional UTM-WGS84 converter
- gdal - Provides a go wrapper for GDAL

## Go Implementations

- llgo - LLVM-based Go compiler, written in Go

## Graphics and Audio

- accumimage - Variant of `image.NRGBA` and `color.NRGBA` that supports accumulation and averaging of colors
- AnsiGo - Simple ANSi to PNG converter written in pure Go
- Arclight - Arclight is a tool for rendering images
- bild - A collection of image processing algorithms in pure Go
- bimg - Small Go library for fast image resize and transformation using libvips
- blend - Image processing library and rendering toolkit for Go.
- bpg - BPG decoder for Go.
- chart - Library to generate common chart (pie, bar, strip, scatter, histogram) in different output formats.
- cpio - Readers and writers for the CPIO archive file format.
- draw2d - This package provide an API to draw 2d geometrical form on images. This library is largely inspired by postscript, cairo, HTML5 canvas.
- ebiten - A cross platform open-source game library with which you can develop 2D games with simple API for multi platforms. Cgo/c compiler setup not needed.
- egl - egl bindings
- es2 - es2 bindings
- fastgallery - A fast static image and video web gallery generator
- fourcc - Go implementation of FOURCC (four character code) (4CC) identifiers for a video codecs, compression formats, colors, and pixel format used in media files.
- freetype-go - a Go implementation of FreeType
- glfw 3 - Go bindings for GLFW 3 library
- glfw - bindings to the multi-platform library for opening a window, creating an OpenGL context and managing input
- glh - OpenGL helper functions to manage text, textures, framebuffers and more

- gl - OpenGL bindings using glew
- gltf - library for marshaling and unmarshaling glTF
- glu - bindings to the OpenGL Utility Library
- glui - Wrapper for glfw to simplify displaying an image
- gmask - Go adaptation of the Cmask utility for Csound
- goalsa - Go bindings for ALSA capture and playback
- go-cairo - Go wrapper for the cairo graphics library
- gocl - Go OpenCL (gocl) binding, support OpenCL 1.1/1.2/2.0 on Mac/Linux/Windows/Android
- go-colorful - Color spaces conversions and other color-space operations
- go-csnd6 - Go binding to the Csound6 API
- go-csperfthread - Go binding to the CsoundPerformanceThread helper class of the Csound6 API
- goexif - Retrieve EXIF metadata from image files
- gofb - Go framebuffer library for drawing pixel by pixel
- goflac - Go bindings for decoding and encoding FLAC audio with libFLAC
- go-gd - Go bingings for GD
- GoGL - OpenGL binding generator
- go-gnuplot - go bindings for Gnuplot
- go-gtk3 - gtk3 bindings for go
- go-heatmap - A toolkit for making heatmaps
- GoHM - H.265/HEVC HM Video Codec in Go
- goHorde - Go Bindings for the Horde3d Rendering engine.
- GoMacDraw - A mac implementation of go.wde
- go-openal - Experimental OpenAL bindings for Go
- go-opencl - A go wrapper to the OpenCL heterogeneous parallel programming library
- go-opencv - Go bindings for OpenCV / 2.x API in gocv / 1.x API in opencv
- Go-OpenGL - Go bindings for OpenGL
- Goop - Audio synthesizer engine
- goray - Raytracer written in Go, based on Yafaray
- gosc - Pure Go OSC (Open Sound Control) library
- go-taglib - Go wrapper for TagLib, an audio meta-data parser
- go-tmx - A Go library that reads Tiled's TMX files
- govips - A lightning fast Go image processing and resizing library
- GoVisa - H265/HEVC Bitstream Analyzer in Go
- go-vlc - Go bindings for libVLC
- go.wde - A windowing/drawing/event interface
- goxscr - Go rewrites of xscreensaver ports
- graphics2d - Path and path transform based 2D graphics package
- gst - Go bindings for GStreamer
- gumble - Client library for the Mumble VoIP protocol
- hgui - Gui toolkit based on http and gtk-webkit.
- hsvimage - Support for HSV color models and images
- imaginary - Simple and fast HTTP microservice for image resizing and manipulation
- imaging - Package imaging provides basic image manipulation functions (resize, rotate, flip, crop, etc.) as well as simplified image loading and saving.
- imgproxy - Fast and secure standalone server for resizing and converting remote images
- libvlc-go - Go bindings for libVLC 2.X/3.X/4.X used by the VLC media player
- merlin - Automatic video encoder
- netpbm - Read and write Netpbm images from Go programs
- opencv - Go bindings for OpenCV
- osmesa - Go bindings for osmesa.

- phono - DSP pipeline.
- Plotinum - An API for creating plots
- portaudio - A Go binding to PortAudio
- pulsego - Go binding for PulseAudio
- pulse-simple - Go bindings for PulseAudio's Simple API, for easy audio capture and playback.
- rasterx - SVG-standard rendering, rasterization library.
- resize - Image resizing with different interpolations.
- RiGO - RenderMan Interface implementation in Go.
- rpm - Go implementation of the RPM package file format
- smartcrop - Content aware image cropping
- starfish - A simple Go graphics and user input library, built on SDL
- stl - library for reading, writing, and manipulating Stereolithography (.stl) files used in 3D printing
- svgo - a library for creating and outputting SVG
- tag - a library for reading tag metadata and creating metadata-invariant checksums for audio files: FLAC, all IDv3 variants, and MP4 (ACC, ALAC)
- texture - Procedurally generated textures based on the Bryce3D deep texture editor
- tga - TARGA image format encoding/decoding library
- tiff - Rich TIFF/BigTIFF/GeoTIFF decoder/encoder for Go.
- twilio-go - Go client for the Twilio API.
- videoinput - Go bindings for VideoInput (Windows).
- vu - Virtual Universe. A skeleton 3D engine.
- vulkan - Golang Bindings for Vulkan API.
- webp - WebP decoder and encoder for Go.
- wg - Web Graphics, display real time go graphics in browser, with user input.
- window - Optimized moving window for real-time data
- xmorph - Warp and morph images

## GUIs and Widget Toolkits

- fyne - Cross platform native GUI toolkit based on Material Design
- gio - Portable (iOS/tvOS, Android, Linux (Wayland/X11), macOS, Windows, FreeBSD, OpenBSD, WASM) immediate mode GUI
- go-fltk - FLTK2 GUI toolkit bindings for Go
- GoGi - Fully native cross-platform GUI toolkit
- go-gtk - Bindings for GTK
- go-qt5 - QT5 bindings for go
- gothic - Tcl/Tk Go bindings
- gotk3 - Go bindings for GTK3, requires GTK version 3.8
- go.uik - A UI kit for Go, in Go. (project is closed)
- go-webkit2 - Go bindings for the WebKitGTK+ v2 API (w/headless browser & JavaScript support)
- Gowut - Gowut (Go Web UI Toolkit) is a full-featured, easy to use, platform independent Web UI Toolkit written in pure Go, no platform dependent native code is linked or called.
- GXUI - A Go cross platform UI library.
- iup - Bindings for IUP
- lorca - A small library for building cross-platform HTML5 GUI apps in Go, uses Chrome/Chromium as a UI layer.
- mdtwm - Tiling window manager for X
- qml - QML support for the Go language
- ui - Platform-native GUI library for Go
- webview - Tiny cross-platform web UI library. Uses WebKit (Gtk/Cocoa) and MSHTML (Windows)
- wingo - A fully-featured window manager written in Go.

- Winhello - An example Windows GUI hello world application
- wxGo - Go Wrapper for the wxWidgets GUI
- xgb - A fork of the x-go-binding featuring support for thread safety and all X extensions.
- xgbutil - A utility library to make use of the X Go Binding easier. (Implements EWMH and ICCCM specs, key binding support, etc.)
- x-go-binding - bindings for the X windowing system

## Hardware

- gobot - Golang framework for robotics, drones, and the Internet of Things (IoT).
- go.hid - Provides communication with USB Human Interface Devices.
- gortlsdr - A librtlsdr wrapper, which turns certain USB DVB-T dongles into a low-cost, general purpose software-defined radio receiver.
- hwio - Hardware I/O library for SoC boards including BeagleBone Black and Raspberry Pi.
- stressdisk - Stress test your disks / memory cards / USB sticks before trusting your valuable data to them

## Language and Linguistics

- alpinocorpus-go - A reader and a writer for Alpino corpora.
- go-aspell - GNU Aspell spell checking library bindings for Go.
- go-edlib - Go string comparison and edit distance algorithms library (Levenshtein, LCS, Hamming, Damerau levenshtein, Jaro-Winkler, etc.) compatible with Unicode.
- go-l10n - localization for humans
- go-language - A simple language detector using letter frequency data.
- goling - String Similarity(Cosine Similarity, Levenshtein Distance), Spell Check, Segmentation
- go-ngram - An n-gram is a contiguous sequence of n items from a given sequence of text or speech.
- go.stringmetrics - String distance metrics implemented in Go
- go-tokenizer - A Text Tokenizer library for Golang
- inflect - Word inflection library (similar to Ruby ActiveSupport::Inflector). Singularize(), Pluralize(), Underscore() etc.
- libtextcat - A Go wrapper for libtextcat.
- nlp - Go Natural Language Processing library supporting LSA (Latent Semantic Analysis).
- sego - Chinese language segmenter.
- snowball - Snowball stemmers for multiple languages
- textcat - N-gram based text categorization, with support for utf-8 and raw text

## Logging and Monitoring

- colog - CoLog is a prefix-based leveled execution log for Go
- cue - Fast and flexible contextual logger. Supports output to file, syslog, structured syslog, stdout/stderr, socket, Loggly, Honeybadger, Opbeat, Rollbar, and Sentry.
- epazote - Automated Microservices Supervisor.
- factorlog - Really fast, featureful logging infrastructure (supports colors, verbosity, and many formats)
- glog - Leveled execution logs for Go
- go-logging - Supports different logging backends like syslog, file and memory. Multiple backends can be utilized with different log levels per backend and logger.
- gomol - A multi-output logging library designed for outputs that support additional metadata with log messages.
- gosrvmon - Self-hosted uptime monitoring system.
- graylog-golang - graylog-golang is a full implementation for sending messages in GELF (Graylog Extended Log Format) from Google Go (Golang) to Graylog
- haminer - Library and program to parse and forward HAProxy logs

- immortal - A *nix cross-platform (OS agnostic) supervisor
- jWalterWeatherman - Seamless terminal printing and file logging that s as easy to use as fmt.Println
- kemba - A tiny debug logging tool inspired by debug, great for CLI tools and applications.
- log4go - Go logging package akin to log4j
- logger - Go logging with buffered output and multiple writers
- logrus - Structured, pluggable logging for Go with built-in hooks for third-party loggers: Airbrake, Papertrail, Loggly, Sentry...
- MailJet Live Event Dashboard - API monitoring in real time.
- monkit - A flexible process data collection, metrics, monitoring, instrumentation, and tracing library for Go
- Prometheus - Monitoring system and time-series database.
- rfw - Rotating file writer - a 'logrotate'-aware file output for use with loggers
- sd - Writes to the systemd journal, supports user defined systemd journal fields
- seelog - Flexible dispatching, filtering, and formatting
- snap - Telemetry framework
- spacelog - Hierarchical, leveled, and structured logging library for Go
- statsgod - A rewrite of StatsD in Go.
- syslog - With this package you can create your own syslog server with your own handlers for different kind of syslog messages
- Tideland golib - Flexible logging
- timber - Configurable Logger for Go
- ul - Provides macOS Sierra/OSX Unified Loggging functionality via cgo
- vlog - Leveled log on std log for Go

## Machine Learning

- Anna - Artificial Neural Network Aspiration, aims to be self-learning and self-improving software.
- bayesian - A naive bayes classifier.
- ctw - Context Tree Weighting and Rissanen-Langdon Arithmetic Coding
- Dialex - Dialex is a smart pipe that unscrambles text and makes it machine-readable.
- evo - a framework for implementing evolutionary algorithms in Go.
- go-algs/maxflow Maxflow (graph-cuts) energy minimization library.
- go-galib - Genetic algorithms.
- golinear - Linear SVM and logistic regression.
- go-mind - A neural network library built in Go
- go_ml - Linear Regression, Logistic Regression, Neural Networks, Collaborative Filtering, Gaussian Multivariate Distribution.
- gonet - Neural Network for Go.
- go-porterstemmer - An efficient native Go clean room implementation of the Porter Stemming algorithm.
- go-pr - Gaussian classifier.
- gorgonia - Neural network primitives library (like Theano or Tensorflow but for Go)
- mlwebservicego - Serving machine learning models with Golang, Echo, and Firebase.
- ntm - Neural Turing Machines implementation
- paicehusk - Go implementation of the Paice/Husk Stemmer
- tfgo - Tensorflow + Go, the gopher way.

## Mathematics

- bayesian - Naive Bayesian Classification for Go
- blas - Go implementation of BLAS (Basic Linear Algebra Subprograms)
- cartconvert - cartography functions for the Go programming language
- choose - Produce all combinations of *M* out of *N* items

- clp - Go bindings for the COIN-OR Linear Programming (CLP) library
- Cvx - Convex optimization package, port of CVXOPT python package
- decimal - A high-performance arbitrary-precision decimal floating-point arithmetic package
- dice - Dice rolling library
- evaler - A simple floating point arithmetic expression evaluator
- fixed - A fixed point (Q32.32 format) math library
- geom - 2d geometry
- gini - SAT Solver/Boolean Logic Tools
- gochipmunk - Go bindings to the Chipmunk Physics library
- gocomplex - a complex number library
- godec - multi-precision decimal arithmetic
- gofd - concurrent finite domain constraint solver.
- go-fftw - Go bindings for FFTW - The Fastest Fourier Transform in the West
- go-fn - Special functions that would not fit in "math" pkg
- gographviz - Graphviz DOT language parser for Go
- go-gt - Graph theory algorithms
- go-humanize - Formatting numbers for humans.
- golibs/xmath - a collection of math functions (mostly mean algorithms)
- go-lm - Linear models in Go. Provides WLS and regression with t residuals via a cgo -> BLAS/LAPACK interface.
- go.mahalanobis - Naive implementation of the Mahalanobis distance using go.matrix
- gomat - lightweight FAST matrix and vector math
- go_matrix_cuda - GPU-Accelerated Linear Algebra Libraries based in CUDA
- go.matrix - a linear algebra package
- gonum - Scientific packages (linear algebra, BLAS, LAPACK, differentiation, plots, linear programming, statistics, ...)
- go-symexpr - Symbolic math as an AST with derivatives, simplification, and non-linear regression
- gsl - GNU Scientific Library bindings
- humanize - formats large numbers into human readable small numbers
- interval - Package interval handles sets of ordered values laying between two, possibly infinite, bounds.
- mathutil - Package mathutil provides utilities supplementing the standard 'math' and 'rand' packages.
- mt19937_64 - Mersenne Twister int64 random source
- permutation - Package permutation generates permutations of the indices of a slice
- polyclip.go - Go implementation of algorithm for Boolean operations on 2D polygons
- primegen.go - Sieve of Atkin prime number generator
- prime - Go version of Segmented Sieve and non Segmented sieve to produce prime numbers
- primes - Simple functionality for working with prime numbers.
- pso-go - A library of PSO (Particle Swarm Optimization) for Go.
- rand - 64-bit version of the math/rand package with Mersenne twister support.
- roger - A Go client for the RServer, allowing you to invoke R programs from Go.
- sparse - Go Sparse matrix formats for linear algebra supporting scientific and machine learning applications, compatible with gonum matrix libraries.
- statistics - GNU GSL Statistics (GPLv3)
- stats - A statistics package with common functions missing from the Golang standard library.
- Tideland golib - Numerics package for statistcal analysis
- Units - Implements types, units, converter functions and some mathematics for some common physical types. lib
- vector - A small vector lib.

## Microservices

- car_registration - API wrapper for worldwide car registration data
- go-doudou - A gossip protocol and OpenAPI 3.0 spec based decentralized microservice framework. Built-in go-doudou cli focusing on low-code and rapid dev can power up your productivity.
- gokit - The Go Kit microservice framework (and author interview).
- go-micro - Go Micro is a microservices library which provides the fundamental building blocks for writing fault tolerant distributed systems at scale.
- kite - RPC server and client framework.

## Miscellaneous

- atexit - Simple atexit library
- bíogo - Basic bioinformatics functions for the Go language.
- Breaker - Breaker enables graceful degraded mode operations by means of wrapping unreliable interservice interface points with circuit breaker primitives.
- btcrpcclient - A Websocket-enabled Bitcoin JSON-RPC client.
- cast - Safe and easy casting from one type to another in Go
- CGRates - Rating system designed to be used in telecom carriers world
- cpu - A Go package that reports processor topology
- cron - A library for running jobs (funcs) on a cron-formatted schedule
- cvt - Easy and safe convert any value to another type
- daemonigo - A simple library to daemonize Go applications.
- dbus-go - D-Bus Go library
- desktop - Open file/uri with default application (cross platform)
- devboard - Kanban board application based on Simple-Khanban
- dioder-api - An API to IKEA dioder LED-strips
- doublejump - A revamped Google's jump consistent hash
- dump - An utility that dumps Go variables, similar to PHP's var_dump
- elPrep - A high-performance tool for preparing sequence alignment/map files in DNA sequencing pipelines
- env - Easily pull environment variables with defaults
- epub - Bindings for libepub to read epub content.
- EventBus - Lightweight event bus with async compatibility for Go .
- faker - Generate fake data, names, text, addresses, etc.
- fasturl - High performance URL parsing library using a Ragel state machine.
- fsnotify - File system notifications for Go
- functional - Functional programming library including a lazy list implementation and some of the most usual functions.
- GCSE - Go code search engine. source
- generate - runs go generate recursively on a specified path or environment variable and can filter by regex.
- go-amiando - Wrapper for the Amiando event management API
- go-bit - An efficient and comprehensive bitset implementation with utility bit functions.
- go-bitops - common bit operations for 32/64 bit integer
- go-business-creditcard - Validate/generate credit card checksums/names.
- gochem - A computational chemistry/biochemistry library.
- gocsv - Library for CSV parsing and emitting
- go.dbus - Native Go library for D-Bus
- go-ean - A minimal utility library for validating EAN-8 and EAN-13 and calculating checksums.
- go-eco - Functions for use in ecology
- go-erx - Extended error reporting library
- go-eventsocket - An event socket client/server library for the FreeSWITCH telephony platform.
- GoFakeIt - Fake Data Generator. 65+ different variations and examples for each
- go-fann - Go bindings for FANN, library for artificial neural networks

- GoFlow - Flow-based and dataflow programming library for Go
- goga - A genetic algorithm framework
- gogobject - GObject-introspection based bindings generator
- go-idn - a project to bring IDN support to Go, feature compatible with libidn
- GoLCS - Solve Longest Common Sequence problem in go
- golibs/as - Converting data types
- golife - Implementation of Game of Life for command line
- go-magic - A Go wrapper for libmagic
- go-magic - Simple interface to libmagic for Go Programming Language
- go-metrics - Go port of Coda Hale's Metrics library
- gommap - gommap enables Go programs to directly work with memory mapped files and devices in a very efficient way
- gomusicbrainz - MusicBrainz WS2 client library
- goneuro - Go driver for NeuroSky devices.
- goNI488 - A Go wrapper around National Instruments NI488.2 General Purpose Interface Bus (GPIB) driver.
- go-osx-plist - CoreFoundation Property List support for Go
- go-papi - Go interface to the PAPI performance API
- go.pcsclite - Go wrapper for pcsc-lite
- Go-PhysicsFS - Go bindings for the PhysicsFS archive-access abstraction library.
- go.pipeline - Library that emulates Unix pipelines
- go-pkg-mpd - A library to access the MPD music daemon
- go-pkg-xmlx - Extension to the standard Go XML package. Maintains a node tree that allows forward/backwards browser and exposes some simpel single/multi-node search functions
- goplan9 - libraries for interacting with Plan 9
- goPromise - Scheme-like delayed evaluation for Go
- go-qrand - Go client for quantum random bit generator service at random.irb.hr
- goraphing - A tool to generate a simple graph data structures from JSON data files
- go-selenium - Selenium WebDriver client for Go
- go-semvar - Semantic versions (see http:/semver.org)
- go-serial - Go binding to libserialport for serial port functionality (cgo).
- goST - A steam properties (steam table) library written for Go. This was designed as a native go equivalent to XSteam.
- go-taskstats - Go interface for Linux taskstats
- gotenv - Loads environment variables from `.env` file
- Gotgo - A Go preprocessor that provides an implementation of generics
- go-translate - Google Language Translate library
- go-uuid - Universal Unique IDentifier generator and parser
- gouuid - Pure Go UUID v3, 4 and 5 generator compatible with RFC4122
- go-villa - Some miscellaneous wrapper and small algorithms.(wrappers to slices, priority queues, path related apis, a string set type)
- go-wkhtmltopdf - wkhtmltopdf Go bindings and high level interface for HTML to PDF conversion.
- Hranoprovod - Command-line calorie tracking
- lineup - A minimalistic message queue server
- mitigation - Package mitigation provides the possibility to prevent damage caused by bugs or exploits.
- nject - type safe dependency injection
- nma.go - A NotifyMyAndroid client for go.
- notify - File system event notification library with API similar to os/signal.
- pargo - A library for parallel programming in Go.
- passwd - A parser for the /etc/passwd file
- pool - A generic worker pool

- procfile - A Procfile parser
- Prometheus Instrumentation/Metrics Client - This is a whitebox instrumentation framework for servers written in Go. It exposes programmatically-generated metrics automatically for use in the Prometheus time series collection and post-processing environment.
- randat - Devel tool for generating random bytestrings and encoding files in code-friendly forms
- recycler - A more flexible object recycling system than sync.Pool. Provides constructors and destructors for the objects as well as control over the length the free.
- replaykit - A library for replaying time series data.
- serial - Serial ports API (pure Go)
- sio - Package sio lets you access old serial junk. It's a go-gettable fork and modification of dustin's rs232 package.
- stats - Monitors Go MemStats + System stats such as Memory, Swap and CPU and sends via UDP anywhere you want for logging etc...
- symutils - Various tools and libraries to handle symbolic links
- toktok - Creates and resolves unique, typo & error-resilient, human-readable tokens
- twitterfetcher - A tool to make Twitter API requests using the Application-only authentication
- udis86 - Go bindings for libudis86
- ugo - underscore.js like toolbox for Go
- Vboxgo - user-like access to VirtualBox VMs from Go.
- vk - unofficial vk.com API wrapper (vk.com russian social network)
- WUID - An extremely fast unique number generator, 10-135 times faster than UUID.
- Wukong - A highly extensible full-text search engine written in Go.
- xdg - Go implementation of the XDG Base Directory Specification and XDG user directories.
- xplor - Files tree browser for p9p acme
- yubigo - Yubikey OTP validation and auhtentication API client.

## Music

- gmask - Go adaptation of the Cmask utility for Csound
- go-csnd6 - Go binding to the Csound6 API
- go-csperfthread - Go binding to the CsoundPerformanceThread helper class of the Csound6 API
- go-libshout - Go bindings for libshout
- gompd - A client interface for the MPD (Music Player Daemon)
- launchpad - A Go client for Novation Launchpad
- portmidi - Go bindings for libportmidi

## Networking

### DNS

- bitz - BitMessage client node and library
- dingo - A DNS client in Go that supports Google DNS over HTTPS
- dns - client and server implementations in Go
- dns - A DNS library in Go
- dnsimple - an interface to the DNSimple API
- dnss - DNS secure proxy, supports DNS over HTTPS and GRPC
- domainerator - Command line tool to combine wordlist and suffixes/TLDs into domain names and check if they are registered or not.
- dyndnscd - a configurable dyndns client
- GeoDNS - geo-aware authoritative DNS server
- grong - Small authoritative DNS name server
- hostsfile - /etc/hostsfile reverse lookup IP => names

- lib/dns - The DNS library for client or server with support UDP, TCP, and DNS over HTTPS
- mdns - Multicast DNS library for Go
- rescached - DNS resolver cache daemon

### FTP

- ftp4go - An FTP client for Go, started as a port of the standard Python FTP client library
- ftp - Package ftp provides a minimal FTP client as defined in RFC 959
- ftps - An implementation of the FTPS protocol
- goftp - A FTP client library

### HTTP

- apiproxy - proxy for HTTP/REST APIs with configurable cache timeouts
- boom - HTTP(s) benchmarking tool, Apache Benchmark replacement
- Ddosify - High-performance load testing tool, written in Golang
- eventsource - Server-sent events for net/http server.
- fasthttp - Fast HTTP package for Go
- gbench - HTTP(s) Load Testing And Benchmarking Tool inspired by Apache Benchmark and Siege.
- gobench - HTTP/HTTPS load test and benchmark tool
- go-curl - libcurl bingding that supports go func callbacks
- goproxy - a programmable HTTP proxy.
- gostax - A Streaming API for XML (StAX) in go
- handlers - Collection of useful HTTP middlewares.
- HTTPLab - HTTPLabs let you inspect HTTP requests and forge responses.
- httpmock - Easy mocking of HTTP responses from external resources
- httptail - tools push stdout/stderr to http chunked
- sling - A Go HTTP client library for creating and sending API requests.
- stress - Replacement of ApacheBench(ab), support for transactional requests, support for command line and package references to HTTP stress testing tool.

### IMAP

- go-imap - An IMAP library for clients and servers.
- go-imap - IMAP client library
- go-imap - Implementation of IMAP4rev1 client, as described in RFC 3501

### Instant Messaging

- gobir - Extensible IRC bot with channel administration, seen support, and go documentation querying
- goexmpp - XMPP client implementation
- goirc - event-based stateful IRC client framework
- go-irc - Simple IRC client library
- gorobot - a modular IRC bot
- go-xmpp - XMPP client library
- hanu - Framework for writing Slack bots
- ircflu - IRC bot with support for commands, scripting and web-hooks
- irc.go - Go IRC bot framework
- `mellium.im/xmpp` a low-level XMPP client and server library focusing on good documentation and a clean, usable API
- sirius - [link is broken] A fast and ultra-lightweight chat server written in Go
- xmpp-client - an XMPP client with OTR (off-the-record) support

### NNTP

- go-nntp - An NNTP client and server library for go

### Protocol Buffers

- gogoprotobuf - another Go implementation of Protocol Buffers, but with extensions and code generation plugins.
- golang_protobuf_extensions - Protocol Buffer extensions to support streaming message encoding and decoding.
- goprotobuf - the Go implementation of Google's Protocol Buffers
- protorpc - Google Protocol Buffers RPC for Go and C++

### rsync

- replican-sync - An rsync algorithm implementation in Go
- Rsync - Rsync algorithm as a Go library

### Telnet

- telnet - Package telnet provides TELNET and TELNETS client and server implementations, for the Go programming language, in a style similar to the "net/http" library (that is part of the Go standard library) including support for "middleware"; TELNETS is secure TELNET, with the TELNET protocol over a secured TLS (or SSL) connection.
- telnet - A simple interface for interacting with Telnet connection
- telnets - A client for the TELNETS (secure TELNET) protocol.

### VNC

- glibvnc - Go wrapper using CGO for the libvnc library.

### Websockets

- Gorilla WebSocket - WebSocket protocol implementation
- lib/websocket - A library for writing websocket client and server (using epoll)
- websocketd - HTTP server that converts STDIN/STDOUT program into WebSockets service. Also handles HTML and CGI.
- ws-cli - WebSocket command line client
- wst - A dead simple WebSocket tester

### ZeroMQ

- goczmq - Wrapper for the CZMQv3 interface - blog post
- gozmq - Go Bindings for 0mq (zeromq/zmq)
- zmq2 - A Go interface to ZeroMQ (zmq, 0MQ) version 2.
- zmq3 - A Go interface to ZeroMQ (zmq, 0MQ) version 3.
- zmq4 - A Go interface to ZeroMQ (zmq, 0MQ) version 4.

### Misc Networking

- betwixt - Betwixt implements the OMA Lightweight M2M (LWM2M) protocol for Device Management and Monitoring
- canopus - CoAP Client/Server implementation (RFC 7252)
- chunkedreader - A light weight library for reading continuous fixed sized messages from TCP streams.
- circle - Go interface to the libcircle distributed-queue API
- createsend-go - API client for Monitor http://www.campaignmonitor.com (email campaign service)
- cwmp-proxy - Reverse cwmp proxy
- dmrgo - Library for with Hadoop Streaming map/reduce
- doozerconfig - Go package for managing json-encoded configuration in Doozer

- doozerd - A consistent distributed data store
- endless Zero downtime restarts for go servers (Drop in replacement for http.ListenAndServe/TLS)
- gearman-go - A native implementation for Gearman API with Go.
- Glue - Robust Go and Javascript Socket Library (Alternative to Socket.io)
- goagain - zero-downtime restarts in Go
- Go Ajax - Go Ajax is a JSON-RPC implementation designed to create AJAX powered websites.
- gobeanstalk - Go Beanstalkd client library
- go-camo - Go http image proxy (camo clone) to route images through SSL
- go-dbus - A library to connect to the D-bus messaging system
- go-diameter - Diameter stack and Base Protocol (RFC 6733)
- go-flowrate - Data transfer rate control (monitoring and limiting)
- gogammu - Library for sending and receiving SMS
- go-icap - ICAP (Internet Content Adaptation Protocol) server library
- Gollum - A n:m multiplexer that gathers messages from different sources and broadcasts them to a set of destinations.
- go-nat-pmp - A client for the NAT-PMP protocol used in Apple and open-source routers
- gonetbench - Simple TCP benchmarking tool
- gonetcheck - package for checking general internet access
- goodhosts - Simple hosts file (/etc/hosts) management in Go
- gopacket - Packet encoding/decoding, pcap/pfring/afpacket support, TCP assembly, and more!
- gopcap - A simple wrapper around libpcap
- goq - A persistent message queue written in Go.
- goradius - A Radius client written in Go
- go-rpcgen - ProtoBuf RPC binding generator for net/rpc and AppEngine
- gorpc - RPC optimized for high load
- GoRTP - RTP / RTCP stack implementation for Go
- GoSIPs - SIP (Session Initiation Protocol) Stack in Go
- go-smpp - SMPP 3.4 protocol implementation
- gosndfile - Go binding for libsndfile
- gosnmp - an SNMP library written in GoLang.
- go-socket.io - A Socket.IO backend implementation written in Go
- gosocks - A SOCKS (SOCKS4, SOCKS4A and SOCKS5) proxy client library in Go.
- go-sslterminator - SSL terminator proxy
- go-statsd-client - Go statsd client library
- Grumble - Mumble (VoIP) server implementation
- handlersocket-go - Go native library to connect to HandlerSocket interface of InnoDB tables
- HomeControl - an implementation of Apple's HomeKit Accessory Protocol (HAP)
- Hprose - Hprose is a High Performance Remote Object Service Engine.
- httpfstream - streaming append and follow of HTTP resources (using WebSockets)
- humanize-bytes - Command-line utilities to convert "MiB" etc to raw numbers, and back
- ipaddress - Convenient ip address functions: ip -> int, int -> ip, and IPNet broadcast address
- iris-go - Go binding for the Iris decentralized messaging framework.
- iris - Peer-to-peer messaging for back-end decentralization.
- kafka.go - Producer & Consumer for the Kafka messaging system
- lcvpn - Decentralized VPN implementation
- ldap - Basic LDAP v3 functionality for the GO programming language.
- mbxchan - An easy communication between distributed Go applications using standard Go channels and remote procedure calls.
- mqtt - MQTT stack in Go
- nagiosplugin - package for writing Nagios/monitoring plugins

- NATS - NATS distributed messaging system client for Go
- netsnail - A low-bandwidth simulator
- netstat-nat - Display NAT entries on Linux systems
- netutils - Simple interface for turning TCP Sockets into channels.
- norm - reliable UDP using multicast and unicast sockets
- npipe - a pure Go wrapper for Windows named pipes
- opendap - Go wrapper for Openldap
- pusher-http-go - Go library for interacting with the Pusher Realtime API
- QRP - QRP is a simple packet-based RPC protocol designed as a simple alternative to Go's rpc, that can run over UDP
- remotize - A remotize package and command that helps remotizing methods without having to chaneg their signatures for rpc
- Resgate - A Realtime + REST API Gateway for NATS to create web APIs with live data
- rs232 - Serial interface for those of us who still have modems (or arduinos)
- rss - RSS parsing library.
- seamless - Reverse TCP Proxy with HTTP management API
- sftp - SSH File Transfer Protocol v3 as defined in draft-ietf-secsh-filexfer-02.txt.
- shell2http - Executing shell commands via simple http server
- sockjs-go - Implements server side counterpart for the SockJS-client browser library.
- SOCKS5 Server - Scalable SOCKS5 server with Access Control Lists
- spark - Emergency web server (for static files)
- spdy - SPDY library, wired into net/http, currently supporting servers only.
- statsd-go - Statsd implementation in Go, forked from gographite, which submits to Ganglia
- stompngo_examples - Examples for stompngo.
- stompngo - A Stomp 1.1 Compliant Client
- tcp_fallback - A TCP proxy implementing a simple fallback mechanism.
- tcpmeter - A TCP throughput measuring tool
- toxiproxy - Framework for simulating network conditions.
- traceroute - A traceroute implementation
- traefik - Modern, reverse proxy in Go
- Uniqush - A free and open source software which provides a unified push service for server-side notification to apps on mobile devices.
- uritemplates - A level 4 implementation of URI Templates (RFC 6570)
- VDED - Vector Delta Engine Daemon - track deltas in ever-increasing values (written in Go)
- zero-downtime-daemon - Configurable zero downtime daemon (Hot Update) framework for any kind of TCP,HTTP,FCGI services
- zeroupgrade - Upgrades network servers with zero downtime

## Operating System Interfaces

- Go FUSE file system library - From-scratch implementation of the kernel-userspace communication protocol based on Russ Cox'.
- Go-fuse - Library to write FUSE filesystems in Go
- go-nbd - Library to write block devices for Linux in Go.
- go-osx-xattr - Package xattr wraps OS X functions to manipulate the extended attributes of a file, directory and symbolic link.
- inspect/os - Metrics library for operating system measurements (Linux/MacOSX)
- service - Service will install / un-install, start / stop, and run a program as a service (daemon) on Windows/Linux and OSX.

## Other Random Toys, Experiments and Example Code

- goconc - A collection of useful concurrency idioms and functions for Go, compiled
- go-crazy - An experimental source-to-source compiler for go
- go-gtk-demo - A demonstration of how to use GTK+ with Go.
- go-hashmap - A hash table in pure go as an experiment in Go performance
- golang-examples - A bunch of golang examples
- GolangSortingVisualization - A visualization of various sorting algorithms in Go
- golibs - A collection of tiny go packages (and also a test repo for various CI and coverage services)
- goplay - A bunch of random small programs in Go
- lifegame-on-golang - Game of Life in Go
- linear - Playing around with the linear algebra
- pl0 - PL/0 front end, compiler and VM. .
- project euler in go - Solutions to Project Euler in Go also
- shadergo - shader test using Go
- travisci-golang-example - Travis-CI example for Go

## P2P and File Sharing

- DHT - Kademlia DHT node used by Taipei-Torrent, compatible with BitTorrent
- DHT - BitTorrent DHT Protocol && DHT Spider.
- ed2kcrawler - eDonkey2000 link crawler
- gop2p - A simple p2p app to learn Go
- go-p2p - P2P module for blockchains and more
- GoTella - A Go implementation of the Gnutella Protocol
- Rain - BitTorrent client and library
- Taipei-Torrent - A BitTorrent client
- Tendermint - P2P Byzantine-Fault-Tolerant consensus & blockchain stack
- wgo - A simple BitTorrent client based in part on the Taipei-Torrent and gobit code

## Programming

- go-clang - cgo bindings to the C-API of libclang
- godeferred - port of jsdeferred: http://cho45.stfuawsc.com/jsdeferred/
- go-galib - a library of Genetic Algorithms
- go-intset - a library to work with bounded sets of integers, including multiple alternative implementations
- go-parse - a Parsec-like parsing library
- go-slices - Helper functions for manipulating slices in Go just like the official "strings" package provides
- sh - a shell/bash parser and formatter
- Shuffle - Implementation of the Fisher Yates shuffle (or Knuth shuffle) in Go.

## Resource Embedding

- fileb0x - Simple tool to embed files in go with focus on "customization" and ease to use.
- go-bindata - Package that converts any file into managable Go source code.
- go-resources - Unfancy resources embedding with Go.
- go.rice - go.rice is a Go package that makes working with resources such as html,js,css,images and templates very easy.
- implant - implant allows embedding static resources, from a series of directories (recursively).
- statics - Embeds static resources into go files for single binary compilation + works with http.FileSystem + symlinks.

## RPC

- gowsdl - WSDL code generation
- gRPC - Google's multi-language RPC framework with Go support

## Scanner and Parser Generators

- ebnf2y - Utility for converting EBNF grammars into yacc compatible skeleton .y files.
- flexgo - A version of flex that can produce Go code.
- fsm - FSM (NFA, DFA) utilities.
- gocc - Go Compiler Compiler
- golex - Lex/flex like fast (DFA) scanners generator.
- gopp - Go Parser Parser
- goyacc - Goyacc is a version of yacc generating Go parsers.
- lexmachine - Lexical Analysis Framework for Golang
- Ragel - State Machine Compiler
- y - Package y converts .y (yacc) source files to data suitable for a parser generator.
- yy - yacc to yacc compiler.

## Security

- acme - ACME certificate acquisition tool
- acra - SQL database protection suite: strong selective encryption, SQL injections prevention, intrusion detection system
- casbin - An authorization library that supports access control models like MAC, RBAC, ABAC
- docker-slim - Container security and optimization
- gryffin - A large scale security scanner by Yahoo!
- hyperfox - a security tool for proxying and recording HTTP and HTTPs communications on a LAN
- lego - Let's Encrypt client and ACME library
- webseclab - a sample set of web security test cases and a toolkit to construct new ones

## Simulation Modeling

- godes - Library for building discrete event simulation models

## Sorting

- bubble-sort - minimal implementation of the bubble-sort algorithm
- cocktail-shaker-sort - minimal implementation of the cocktail-shaker-sort algorithm
- funnelsort - Lazy funnel sort -- a cache-oblivious sorting algorithm
- Sortutil - Nested, case-insensitive, and reverse sorting for Go.
- sortutil - Utilities supplemental to the Go standard "sort" package
- tarjan - Graph loop detection function based on Tarjan's algorithm
- timsort - Fast, stable sort, uses external comparator or sort.Interface

## Source Code Management

- Gitfile - A lightweight package manager for installing git repos
- go-deps - Analyzes and recursively installs Go package deps (library functionality similar to `go get`)
- go-diff - A diff command for go languange showing semantic differences of two go source files.
- gogitver - Embeds a git tag (version string) into your application
- go-many-git - Manage and run commands across multiple git repositories
- go-pkgs - Finds all matching packages in all of the GOPATH trees (library functionality similar to `go list all`)
- go-vcs - clone and check out revs of VCS repositories (git and hg support)

- go-vcsurl - Lenient VCS repository URL parsing library
- hggofmt - A Mercurial/hg extension with a hook to
- nut - Nut is a tool to manage versioned Go source code packages, called "nuts".
- vcstool - VCS abstraction tool

## Storage

- libStorage - an open source, platform agnostic, storage provisioning and orchestration framework, model, and API
- Minio - Object Storage compatible with Amazon S3 API
- OpenEBS - Containerized, Open source block storage for your containers,integrated tightly into K8S and other environments and based on distributed block storage and containerization of storage control
- storage - An application-oriented unified storage layer for Golang

## Strings and Text

- allot - Placeholder and wildcard text parsing for CLI tools and bots
- asciidoctor-go - Native Go module for parsing and converting asciidoc markup language.
- awk - Easy AWK-style text processing in Go
- binarydist - Binary diff and patch
- Black Friday - A markdown processor
- codename-generator - A codename generator meant for naming software releases
- columnize - format slice or array into aligned columns
- csvplus - Extends the standard Go encoding/csv package with fluent interface, lazy stream operations, indices and joins.
- csvutil - A heavy duty CSV reading and writing library.
- dgohash - Collection of string hashing functions, including Murmur3 and others
- douceur - A simple CSS parser and inliner in Go.
- dsv - A library for working with delimited separated value (DSV).
- flux - Fluent Regular Expressions in golang
- frontmatter - Go library for detecting and decoding various content front matter formats.
- genex - Expansion of Regular Expressions
- gettext-go - GNU's gettext support, written in pure Go
- gettext - Golang bindings for gettext; Feature complete, cgo
- goagrep - fast fuzzy string matching using precomputation
- go-colortext - Change the color of the text and background in the console, working both in Windows and other systems.
- go-guess - Go wrapper for libguess
- goini - A go library to parse INI files
- golorem - lorem ipsum generator
- go-migemo - migemo extension for go (Japanese incremental text search)
- go-ngram N-gram index for Go
- goregen - A Go library for generating random strings from regular expressions.
- goskirt - Upskirt markdown library bindings for Go
- gosphinx - A Go client interface to the Sphinx standalone full-text search engine
- govalidator - Package of string validators and sanitizers
- gpKMP - String-matching in Go using the Knuth Morris Pratt algorithm
- hangul - Handy tools to manipulate Korean character
- html2text - Golang HTML to text conversion library
- intern - Map strings to symbols for constant-time comparisons
- kasia.go - Templating system for HTML and other text documents

- kview - Simple wrapper for kasia.go templates. It helps to modularize content of a website
- liquid - A complete implementation of Shopify Liquid templates
- logparse - Parser for most common log formats
- NTemplate - Nested Templates
- parse - PEG parser that uses reflection to define grammar
- peg - Parsing Expression Grammer Parser
- pigeon - Parsing Expression Grammar (PEG) Parser generator for Go
- plural - No-fuss plurals for formatting both countable and continuous ranges of values.
- polyglot - String translation utilities for Go
- pretty.go - Pretty-printing for go values
- raymond - A complete handlebars implementation in Go.
- rubex - A simple regular expression library that supports Ruby's regex syntax. It is faster than Regexp.
- sanitize - Package sanitize provides functions for sanitizing html and text.
- scanner - A text scanner that parses primitive types, analogous to Java's
- segment - An implementation of Norvig's recursive word segmentation algorithm
- sprig - Template functions for Go templates.
- strftime - strftime implementation
- strit - Package strit introduces a new type of string iterator, as well as a number of iterator constructors, wrappers and combinators.
- strogonoff - Stenography with Go
- strutil - Golang metrics for calculating string similarity and other string utility functions.
- strutil - Package strutil collects utils supplemental to the standard strings package.
- text - Text paragraph wrapping and formatting
- Tideland golib - Stringex package for statistcal analysis
- TySug - Alternative suggestions with respect to keyboard layouts.
- useragent - User agent string parser
- xurls - Extract urls from text

## Testing

- assert - Assert for go test.
- assert - Handy assert package.
- assert - Basic Assertion Library used along side native go testing, with building blocks for custom assertions
- assert - JUnit-like asserts with excellent error messages
- biff - Bifurcation testing framework, BDD compatible.
- charlatan - Tool to generate fake interface implementations for tests.
- `code.soquee.net/testlog` A `log.Logger` that proxies to the Log function on a testing.T so that logging only shows up on tests that failed, grouped under the test.
- conex - Docker containers for integration tests
- counterfeiter - Tool for generating self-contained and type-safe mocks.
- downtest - Automatically run tests for all known downstream consumers of a Go package.
- ginkgo - BDD Testing Framework for Go.
- go2xunit - Convert "go test -v" output to xunit XML output
- go-assert - Testing utils for Go.
- goautotest - Automatically run unit tests when code changes are made
- goblin - Minimal and Beautiful Go testing framework
- Gocheck - Rich test framework with suites, fixtures, assertions, good error reporting, etc
- GoConvey - Browser-based reporting, uses `go test`, supports traditional Go tests, clean DSL
- gocov - Code coverage testing/analysis tool
- gomega - Ginkgo's Preferred Matcher Library.
- gomock - a mocking framework for Go.

- GoSpec - a BDD framework
- gospecify - another BDD framework
- go-stat - performant instrumentation/profiling for Go
- go-tap - TAP (Test Anything Protocol) parser in Go
- go-testdeep - Extremely flexible deep comparison, extends the testing package
- go-test-report - Captures go test output and parses it into a single self-contained HTML file.
- gotestsum - a test runner with customizable and colored output
- gotest.tools - a collection of packages for writing readable tests
- gounit - xunit for Go
- GSpec - *Expressive, reliable, concurrent and extensible* Go test framework that makes it productive to organize and verify the mind model of software.
- httpexpect - Concise, declarative, and easy to use end-to-end HTTP and REST API testing
- make.go.mock - Generates type-safe mocks for Go interfaces and functions.
- mspec - BDD framework that frees you to Stub and Spec your code first with natural BDD language.
- muxy - Simulating real-world distributed system failures.
- Nitro - A quick and simple profiler For Go
- Pegomock - a mocking framework based on golang/mock, but uses a DSL closely related to Mockito.
- rapid - property-based testing library with integrated shrinking
- terst - A terse, easy-to-use testing library for Go
- test2doc - Generate documentation for your go units from your unit tests.
- testfixtures - Rails' like test fixtures for testing database driven apps.
- testflight - Painless http testing in Go
- Testify - A set of packages that provide many tools for testifying that your code will behave as you intend.
- ut - Awesome mocks without magic.

## Transpiler

- c4go - Transpiling C code to Go code.
- f4go - Transpiling Fortran code to Go code.

## Validation

- validator - Go Struct and Field validation, including Cross Field, Cross Struct, Map, Slice and Array diving
- validation - Simple independent struct/key-value validation

## Version Control

- gitea - Git with a cup of tea, painless self-hosted git service
- git (in go) - Minimal working git client in Go
- gogs - Self-hosting Git Server in Go
- semver - Semantic Versioning (SemVer) library

## Virtual Machines and Languages

- agora - A dynamically typed, garbage collected, embeddable programming language built with Go
- anko - Scriptable interpreter written in golang
- evalfilter - Embedded evaluation engine for filtering objects.
- expr - Expression evaluator with static typing
- forego - Forth virtual machine
- Gelo - Extensible, embeddable interpreter
- Gentee - Embeddable scripting programming language
- GoAwk - An implementation of awk in golang.

- GoBASIC - An embeddable BASIC interpreter written in golang.
- GoEmPHP - This package is built for Embedding PHP into Go
- goenv - Create an isolated environment where you install Go packages, binaries, or even C libraries. Very similar to virtualenv for Python.
- GoForth - A simple Forth parser
- Goja - ECMAScript 5.1(+) implementation written in Go (otto fork with byte code compiler)
- golem - A general purpose, interpreted scripting language.
- golemon - A port of the Lemon parser-generator
- GoLightly - A flexible and lightweight virtual machine with runtime-configurable instruction set
- goll1e - An LL(1) parser generator for the Go programming language.
- Golog - Prolog interpreter in Go
- golua - A fork of GoLua that works on current releases of Go
- go-lua - Shopify's lua interpreter
- gomruby - mruby (mini Ruby) bindings for Go
- gopher-lua - A Lua 5.1 VM and compiler written in Go
- go-php - PHP bindings for Go
- go-python - go bindings for CPython C-API
- gotcl - Tcl interpreter in Go
- go-v8 - V8 JavaScript engine bindings for Go
- go.vm - Simple virtual machine which interprets bytecode.
- Hivemind - Process manager for Procfile-based applications
- LispEx - A dialect of Lisp extended to support for concurrent programming, written in Go.
- Minima - A language implemented in Go
- ngaro - A ngaro virtual machine to run retroForth images
- otto - A JavaScript parser and interpreter written natively in Go
- Overmind - Process manager for Procfile-based applications and tmux
- py4go - Python 3 bindings for Go
- RubyGoLightly - An experimental port of TinyRb to Go
- Scriggo - A Go interpreter and a template engine with Go as scripting language
- v8 - V8 JavaScript engine bindings for Go (supports V8 builds at least up to 5.8.244)
- Yaegi - A complete Go interpreter in Go

## Web Applications

- Caddy - A fast, capable, general-purpose HTTP/2 web server that's easy to use
- Dataflowkit - Web scraping Service to turn websites into structured data.
- Digestw - A Web Application - Twitter's Timeline Digest
- fabio - A fast zero-conf load balancing HTTP router for microservices.
- Filestash - A web client for SFTP, S3, FTP, WebDAV, Git, Minio, LDAP, Caldav, Carddav, Mysql, Backblaze, ...
- fourohfourfound - A fallback HTTP server that may redirect requests with runtime configurable redirections
- Fragmenta - A CMS built in Go
- freegeoip - IP geolocation web service (web server of freegeoip.net)
- Freyr - Server for storing and serving readings from plant environment sensors. Integrates Golang API with ReactJS web app; uses Docker for testing/deployment.
- goals-calendar - A web-based Seinfeld calendar implemented in Go
- goblog - A static blog engine
- gocrawl - A polite, slim and concurrent web crawler.
- goflash - Flash player implementation in Go language
- gogallery - simple web server with an emphasis on easily browsing images
- gojekyll - A golang clone of the Jekyll static site generator
- goof - A simple http server to exchange files over http (upload/download)

- gopages - A php-like web framework that allows embedding Go code in web pages
- go_spider - A flexible ,modularization and concurrent web crawler framework.
- GoURLShortener - A frontend for the http://is.gd/ URL shortener
- gowall - A website and user system
- grabbit - A lightweight transactional message bus on top of RabbitMQ
- httpfolder - A http server to exchange files over http with basic authentication (upload/download)
- Hugo - A fast and flexible static site generator implemented in Go
- Já Vai Tarde - Unfollows monitoring for Twitter
- kurz.go - a url shortener based on web.go and redis
- Monsti - Resource friendly flat file CMS for private and small business sites.
- now.go - A simple HTTP-based to-do queue.
- Peach - A web server for multi-language, real-time synced and searchable documentation.
- Presento - The simplest possible cross-platform remote control for the presentations
- rabbitmq-http - REST API for RabbitMQ
- Rickover - Job queue with a HTTP API, backed by Postgres
- serve-files - Far-future and gzip wrapper around the standard net/http server.
- sf_server - a tiny send file server and client
- SuperSaaS API Client - HTTP client library for the supersaas.com scheduling/bookings/appointments API
- Tideland golib - Web package for REST request handling
- Vantaa - A modular blogging API engine written in Go, Neo4j and Polymer.
- websiteskeleton - Simple net/http website skeleton
- webtf - Web app to graphical visualization of twitter timelines using the HTML5
- Wikifeat - Extensible wiki system using CouchDB written in Golang
- jweb - A Symfony(https://symfony.com/) inspired framework, written in Go

## Web Libraries

### Authentication

- authcookie - Package authcookie implements creation and verification of signed authentication cookies.
- `code.soquee.net/otp` A library for generating one-time passwords using HOTP (RFC-4226), and TOTP (RFC-6238). Includes less commonly used profiles, and custom time functions for flexible windows.
- dgoogauth - Go port of Google's Authenticator library for one-time passwords
- goauth - A library for header-based OAuth over HTTP or HTTPS.
- GOAuth - OAuth Consumer
- goha - Basic and Digest HTTP Authentication for Go http client
- go-http-auth - HTTP Basic and HTTP Digest authentication
- Go-OAuth - OAuth 1.0 client
- go-otp - Package go-otp implements one-time-password generators used in 2-factor authentication systems like RSA-tokens. Currently this supports both HOTP (RFC-4226), TOTP (RFC-6238) and Base32 encoding (RFC-3548) for Google Authenticator compatibility
- goth - Package goth provides a simple, clean, and idiomatic way to write authentication packages for Go web applications
- hero - OAuth server implementation - be an OAuth provider with Go
- httpauth-go - Package httpauth provides utilities to support HTTP authentication policies. Support for both the basic authentication scheme and the digest authentication scheme are provided.
- httpauth - HTTP session (cookie) based authentication and authorization
- oauth1a - OAuth 1.0 client library
- OAuth Consumer - OAuth 1.0 consumer implementation
- otp - HOTP and TOTP library with command line replacement for Google Authenticator
- securecookie - Encode and Decode secure cookies

- totp - Time-Based One-Time Password Algorithm, specified in RFC 6238, works with Google Authenticator

## DOM handling

- Cascadia - CSS selector library
- GoQuery - jQuery-like DOM manipulation library, using Go's experimental HTML package.
- goq - jQuery-like declarative struct tag scraping and unmarshaling based on GoQuery.
- html-query - A fluent and functional approach to querying HTML.
- HTML Transform - A CSS selector based html scraping and transformation library

## Frameworks and Toolkits

- aah - A scalable, performant, rapid development Web framework for Go.
- Aero - Fast and secure web server for Go.
- Air - An ideal RESTful web framework for Go.
- alien - A lightweight and fast http router
- app.go - Web framework for google app engine
- arasu - A Lightning Fast Web Framework written in Go & Dart
- Beego - Beego is an open source version of the scalable, non-blocking web framework.
- browserspeak - Generate HTML templates, CSS or SVG without writing `<` or `>`
- eudore - Eudore is the core of a golang lightweight web framework.
- falcore - Modular HTTP server framework
- fcgi_client - Go fastcgi client with fcgi params support
- Flamingo Framework - Framework for building pluggable production ready web projects.
- florest - High-performance workflow based REST API framework in Go
- forgery - A clone of the superb Node.js web framework Express.
- Gin Web Framework - Martini-like API and httprouter gives it good performance.
- Goal - A toolkit for high productivity web development in Go language built around the concept of code generation.
- Go-Blog - Blog framework written in Go
- go-fastweb - aims to be a simple, small and clean MVC framework for go
- goku - a Web Mvc Framework for Go, mostly like ASP.NET MVC.
- Golanger - Golanger Web Framework is a lightweight framework for writing web applications in Go.
- Goldorak.Go - a web miniframework built using mustache.go, web.go and Go-Redis
- go-restful - lean package for building REST-style Web Services
- GoRest - An extensive configuration(tags) based RESTful style web-services framework.
- go-rest - A small and evil REST framework for Go
- gorilla - Gorilla web toolkit
- GoSrv - A Go HTTP server that provides simple command line functionality, config loading, request logging, graceful connection shutdown, and daemonization.
- go-start - A high level web-framework for Go
- go-urlshortener - interface to google's urlshorten API
- goweb - Lightweight RESTful web framework for Go providing Ruby on Rails style routing
- go-webproject - Modular web application framework and app server
- Gowut - Go Web UI Toolkit is a full-featured, easy to use, platform independent Web UI Toolkit written in pure Go.
- Goyave - An elegant, full-featured web application framework
- gramework - The *truly* fastest web framework for Go. Battle tested, highly effective baseline for your web apps.
- httpcoala - Library for request coalescing - handy for reverse proxies.
- HttpRouter - A high performance HTTP request router that scales well
- limiter - Simple rate limter middleware for Go

- Macaron - Modular web framework in Go
- mango - Mango is a modular web-application framework for Go, inspired by Rack, and PEP333.
- Martini **deprecated** - Martini is a popular, lightweight, extensible package for writing modular web apps/services in Go
- Negroni - Idiomatic middleware for Go
- restclient - Client library for interacting with RESTful APIs.
- resty - REST client library inspired by Ruby rest-client.
- Revel - High productivity web framework modeled on Play! Framework
- Ringo - Lighweight MVC web framework inspired by Rails, Gin.
- sawsij - Provides a small, opinionated web framework.
- Tango - Micro-kernel & pluggable web framework for Go
- Tiger Tonic - framework for building JSON web services inspired by Dropwizard
- trinity - MVC framework
- uAdmin - Web framework with a back end GUI similar to Django.
- Utron - MVC Framework
- Violetear - HTTP router
- web.go - a simple framework to write webapps
- wfdr - Simple web framework designed for and written in go. Works with other languages as well, but not as well.
- xweb - A web framework for Go. Just like Struts for Java.

### HTML forms

- form - Complete bidirectional HTML form encoder & decoder (x-www-form-urlencoded) for arbitrary data (package encoding compatible)
- gforms - HTML forms for Go
- Go-FORM-it - Go library for easy and highly-customizable forms creation and template rendering.
- GoForms - Form data validation, cleaning and error reporting - a la django.forms
- htmlfiller - Fills in html forms with default values and errors a la Ian Bicking's htmlfill for Python
- MonstiForm - HTML form generator and validator library
- revel-csrf - Cross-Site Request Forgery (CSRF) attacks prevention for the Revel framework
- xsrftoken - A package for generating and validating tokens used in preventing XSRF attacks

### Public API Wrappers

- adn - Interface to the App.net API
- anaconda - Client library for the Twitter 1.1 API
- cloudcomb-go-sdk - Go client library for CloudComb
- ddg - DuckDuckGo API interface
- facebook - Up-to-date facebook graph API client. Handy and flexible
- filepicker-go - Go library for the Filepicker's REST API
- firebase - Client library for the Firebase REST API
- gh - Scriptable server and net/http middleware for GitHub Webhooks API
- github - Go library for accessing the GitHub REST API v3
- githubql - Go library for accessing the GitHub GraphQL API v4
- gobo - Client library for Sina Weibo
- gocaptcha - gocaptcha provides easy access to the reCaptcha API in go
- go-dealmap - Go library for accessing TheDealMap's API
- go-dropbox - API library for dropbox
- go-flickr - A wrapper for Flickr's API
- go-get-youtube - A simple library+client for fetching meta data of, and downloading Youtube videos
- go-gravatar - Wrapper for the Gravatar API

- go-hummingbird - Go library for accessing the Hummingbird.me API
- go-libGeoIP - GO Lib GeoIP API for Maxmind
- gominatim - Go library to access nominatim geocoding services
- gomojo - Instamojo API wrapper
- gomwapi - Access mediawiki contents like wikipedia, wiktionary in golang
- go-myanimelist - Go library for accessing the MyAnimeList API
- googtrans - unofficial go bindings for Google Translate API v2
- go-recaptcha - Handles reCaptcha form submissions in Go
- gorecurly - A Client app to use with Recurly's api
- go.strava - Official client library for the Strava V3 API
- go.stripe - a simple credit card processing library for Go using the Stripe API
- Gotank - Searchify's Go client for the IndexTank full-text search API
- go-tripit - Go API library for the TripIt web services
- GoTwilio - Twilio library for Go (golang). Very basic at the moment
- gravatar - Gravatar image/profile API library
- jsonapi - Generate JSON API from Go structs
- postmark - Access postmark API from Go
- reddit.go - Client library for Reddit API
- shorturl - Generic implementation for interacting with various URL shortening services
- SocialSharesCount - Wrapper API on multiple social websites to get URL share statistics
- Stack on Go - Go wrapper for Stack Exchange API
- stripe - Official Stripe client library
- twilio - Simple Twilio API wrapper
- twittergo - Client library for Twitter's API
- vksdk - Golang module for working with VK API

### Other

- adhoc-http - Quick & dirty HTTP static file server
- aop - Aspect Oriented Programming For Go.
- assets - Helps prepares CSS and JS files for development and production of Go web apps.
- bwl - a set of libraries to help build web sites
- captcha - Image and audio captcha generator and server
- gaerecords - Lightweight wrapper around appengine/datastore providing Active Record and DBO style management of data
- gcd - provides helpful functions to work with Google Cloud DataStore.
- get2ch-go - a library to access the 2channel Japanese web bulletin board
- gofeed - Parse RSS and Atom feeds in Go
- go-gzip-file-server - A net.http.Handler similar to FileServer that serves gzipped content
- gohaml - An implementation of the popular XHTML Abstraction Markup Language using the Go language.
- go-httpclient - a Go HTTP client with timeouts
- gojwt - Json Web Tokens for Go
- go-pkg-rss - a packages that reads RSS and Atom feeds
- gorefit - A library for theming existing websites
- goreman - foreman clone
- GoRequest - Simplified HTTP client with rich features such as proxy, timeout, and etc. ( inspired by nodejs SuperAgent )
- goroute - A very simple URL router based on named submatches of regular expression that works well with http.Handler .
- gorouter - Simple router for go to process url variables
- go-rss - Simple RSS parser and generator

- go-rss - Simple RSS parser, tested with Wordpress feeds.
- goscribble - An MPD Audioscrobble
- go-twitter - another Twitter client
- go-twitter-oauth - a simple Twitter client (supports OAuth)
- grab - A package for managing file downloads
- grender - Go static site generator
- halgo - HAL-compliant API client and serialisation library.
- http-gonsole - Speak HTTP like a local. (the simple, intuitive HTTP console, golang version)
- httprpc - HTTP RPC codecs (json2, soap, rest)
- HypeCMS - A flexible CMS built with Go and MongoDb.
- Kontl - A client for kon.tl's URL shortening service
- mustache.go - an implementation of the Mustache template language
- muxer - Simple muxer for a Go app without regexp
- Optimus Sitemap Generator - A universal XML sitemap generator
- passwordreset - Creation and verification of secure tokens useful for implementation of "reset forgotten password" feature in web applications.
- pat - A Sinatra style pattern muxer
- persona - remote verification API for persona
- plex - simple, small, light, regexp http muxer with chaining
- podcast - iTunes and RSS 2.0 Podcast Generator in Golang
- purell - tiny Go library to normalize URLs
- pusher.go - HTTP Server Push module for the standard http package
- rest2go - Based on rest.go, forked for improvements and REST consistency
- rest.go (forked) - forked rest.go for improvements and REST consistency
- resty - Simple HTTP and REST client for Go inspired by Ruby rest-client.
- robotstxt - The robots.txt exclusion protocol implementation. Allows to parse and query robots.txt file.
- scs - A HTTP session manager using server-side sessions stores.
- seshcookie - A web session library inspired by Beaker
- soy - A Go implementation for Soy templates (Google Closure templates). High performance and i18n.
- user_agent - An HTTP User-Agent parser
- webtestutil - Web and HTTP functional testing utilities. Includes Gorilla testing support.
- yt2pod - Daemon that monitors YouTube channels and publishes audio podcasts of them

## Windows

- gform - An easy to use Windows GUI toolkit for Go
- go-ole - win32 ole implementation for golang
- go-Windows-begin - for the absolute Windows-Go beginner
- w32 - Windows API wrapper for Go.
- walk - "Windows Application Library Kit" for the Go Programming Language
- Windows Command Line Shutdown - A tool to shutdown Windows Computer from Command Prompt

## Unix

- inspect - Linux and MacOSX systems monitoring and diagnostics
- unixsums - Legacy Unix checksums: cksum, sum

## Unsorted; please help!

The following entries have not been filed. Please help by putting these in relevant categories.

- consistent - Consistent hashing with bounded loads.

- dotviz-server - WebBased DOT language visualization tool written in go
- ebml-go - EBML decoder
- go-bindata - Converts any file into manageable Go source code for embedding binary data into a Go program.
- GoBot - PoC Go HTTP Botnet
- goconsistenthash - Consistent hashing library (based on http://www.lexemetech.com/2007/11/consistent-hashing.html)
- go-cron - A small cron job system to handle scheduled tasks, such as optimizing databases or kicking idle users from chat. The cron.go project was renamed to this for `go get` compatibility.
- godebiancontrol - Golang debian control file parser
- godotviz - Rendering graphics files from "DOT language". Written in golang
- go-gmetric - Ganglia gmetric protocol support
- gographviz - Graphviz DOT language parser for golang
- gopcapreader - Presents realtime pcap data as io.Reader objects
- go.psl - Go regdom-libs/public suffix list
- goseq - command line tool, written in Go, for creating sequence diagrams using a text-based description language.
- go-webfinger - Simple Client Implementation of WebFinger
- img-LinuxFr.org - A reverse-proxy cache for external images used on LinuxFr.org
- one-file-pdf - A minimalist Go PDF writer in <2K lines and 1 file
- seed - Easily seed PRNGs with some entropy
- spellabc - Package spellabc implements spelling alphabet code word encoding.
- Tasks - A simplistic todo list manager written in Go
- Twackup - Backs up your tweets into local files
- al-Go-rithms - Collection of algorithms on arrays, runes, strings for reference purpose.