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Standard library

Version: [go1.20.1](#) **Latest** | Published: Feb 14, 2023 | License: [BSD-3-Clause](#)**Details** [✓ Valid `go.mod` file](#) [✓ Redistributable license](#) [✓ Tagged version](#)[✓ Stable version](#)[Learn more](#)**Repository** cs.opensource.google/go/go**Links** [Report a Vulnerability](#)

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[bufio](#)

Package bufio implements buffered I/O. It wraps an io.Reader or io.Writer object, creating another object (Reader or Writer) that also implements the interface but provides buffering and some help for textual I/O.

[builtin](#)

Package builtin provides documentation for Go's predeclared identifiers.

[bytes](#)

Package bytes implements functions for the manipulation of byte slices.

▸ compress

▸ container

[context](#)

Package context defines the Context type, which carries deadlines, cancellation signals, and other request-scoped values across API boundaries and between processes.

▸ [crypto](#)

Package crypto collects common cryptographic constants.

▸ database

▸ debug

[embed](#)

Package embed provides access to files embedded in the running Go program.

▸ [encoding](#)

Package encoding defines interfaces shared by other packages that convert data to and from byte-level and textual representations.

[errors](#)

Package errors implements functions to manipulate errors.

[expvar](#)

Package expvar provides a standardized interface to public variables, such as operation counters in servers.

[flag](#)

Package flag implements command-line flag parsing.

[fmt](#)

Package fmt implements formatted I/O with functions analogous to C's printf and scanf.

▸ [go](#)

▸ [hash](#)

Package hash provides interfaces for hash functions.

▸ [html](#)

Package html provides functions for escaping and unescaping HTML text.

▸ [image](#)

Package image implements a basic 2-D image library.

▸ [index](#)

▸ [io](#)

Package io provides basic interfaces to I/O primitives.

▸ [log](#)

Package log implements a simple logging package.

▸ [math](#)

Package math provides basic constants and mathematical functions.

▸ [mime](#)

Package mime implements parts of the MIME spec.

▸ [net](#)

Package net provides a portable interface for network I/O, including TCP/IP, UDP, domain name resolution, and Unix domain sockets.

▸ [os](#)

Package os provides a platform-independent interface to operating system functionality.

▸ [path](#)

Package path implements utility routines for manipulating slash-separated paths.

[plugin](#)

Package plugin implements loading and symbol resolution of Go plugins.

[reflect](#)

Package reflect implements run-time reflection, allowing a program to manipulate objects with arbitrary types.

▶ [regexp](#)

Package regexp implements regular expression search.

▶ [runtime](#)

Package runtime contains operations that interact with Go's runtime system, such as functions to control goroutines.

[sort](#)

Package sort provides primitives for sorting slices and user-defined collections.

[strconv](#)

Package strconv implements conversions to and from string representations of basic data types.

[strings](#)

Package strings implements simple functions to manipulate UTF-8 encoded strings.

▶ [sync](#)

Package sync provides basic synchronization primitives such as mutual exclusion locks.

▶ [syscall](#)

Package syscall contains an interface to the low-level operating system primitives.

▶ [testing](#)

Package testing provides support for automated testing of Go packages.

▶ [text](#)

▶ [time](#)

Package time provides functionality for measuring and displaying time.

▶ [unicode](#)

Package unicode provides data and functions to test some properties of Unicode code points.

[unsafe](#)

Package unsafe contains operations that step around the type safety of Go programs.

▶ [internal](#)

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