

## Go 1.1

- Scalable Scheduler
- net/http/cookiejar
- Function Calls

## Go 1.2

- xml.Marshaler and Unmarshaler
- encoding.TextMarshaler and Unmarshaler
- Runtime Symbol Table Format
- Field Selectors and Nil Checks
- `x[i:j:k]` Slice Syntax
- Preemptive Scheduler

## Go 1.3

- Contiguous Stacks
- Go 1.3 Linker Overhaul
- Go 1.3 Native Client Support

## Go 1.4

- Go channels on steroids
- Go 1.4 “Internal” Packages
- Go 1.4 `src/pkg` → `src`
- Go 1.4 Custom Import Path Checking
- Go generate: A Proposal
- The syscall package
- Go 1.4 Subrepo Renaming
- Go 1.4 Native Client Support for ARM
- dev.cc branch plan

## Go 1.5

- Go 1.5 Bootstrap Plan
- Go Compiler Overhaul
- Go Execution Tracer

## Future Proposals

- New SSA Backend for the Go Compiler
- Go 1.4+ Garbage Collection (GC) Plan and Roadmap

- Better GC and Memory Allocator for Go
  - Groups Discussion
- Precise GC Stack Roots
- Go 1.3 cmd/go and os/fsnotify
- Go 1.5 os/fsnotify API
- Simple Multi-Dimensional Slices (Tables)
- Go execution modes
- Building and distributing Go packages as shared libraries
- NUMA-aware scheduler for Go
- Go 1.5+ “External” Packages

## Other Tools

- Go Oracle
- Binding Go and Java
- Go Builder Plan
- gomobile — a tool for building apps

## Rejected Proposals

- Read-only Slices, Evaluation of read-only slices (rejected)
- Go 1.4: unsafe.Pointer arithmetic