



Programming in Go

Lesson 6: How It All Works

Matt Holiday
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Cardinal Peak



Advanced Ultimate Go:

- Performance; the full Knuth quote
- Scheduling
- What can go wrong
- GC
- Memory issues
- Profiling
- Zero-copy hacks
- ...

Share memory by communicating

Concurrency in Go

Goroutines, channels, and select

Enumerated types

There are no real enumerated types in Go

You can make an almost-enum type using a named type and constants:

```
type shoe int

const (
    tennis shoe = iota
    dress
    sandal
    clog
)
```

`iota` starts at 0 in each `const` group and increments once on each successive line