



Resources for Starting and Staying Growing With Go?

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Golang Estonia Meetup @Starship
November 22, 2019



Gopher by Egon Elbre



Please raise your hand if:

- You have used Go \leq 3 months



Please raise your hand if:

- You have used Go \leq 3 months
- You have used Go \leq 12 months



$\frac{1}{3}$ are New to Go

- 31% “I have used Go < 1 year” [[Go Survey](#) 2018]

Go developers [[Russ Cox](#)]

- 2017 July ~ 0.5-1M
- 2018 July ~ 0.8-1.6M (+ 60%)
- 2019 Nov ~ 1.15-1.96M (+ **23-44%**)

Find Answers
Yourself



Get Started

A Tour of Go

Defer

A defer statement defers the execution of a function until the surrounding function returns.

The deferred call's arguments are evaluated immediately, but the function call is not executed until the surrounding function returns.

< 12/14 >



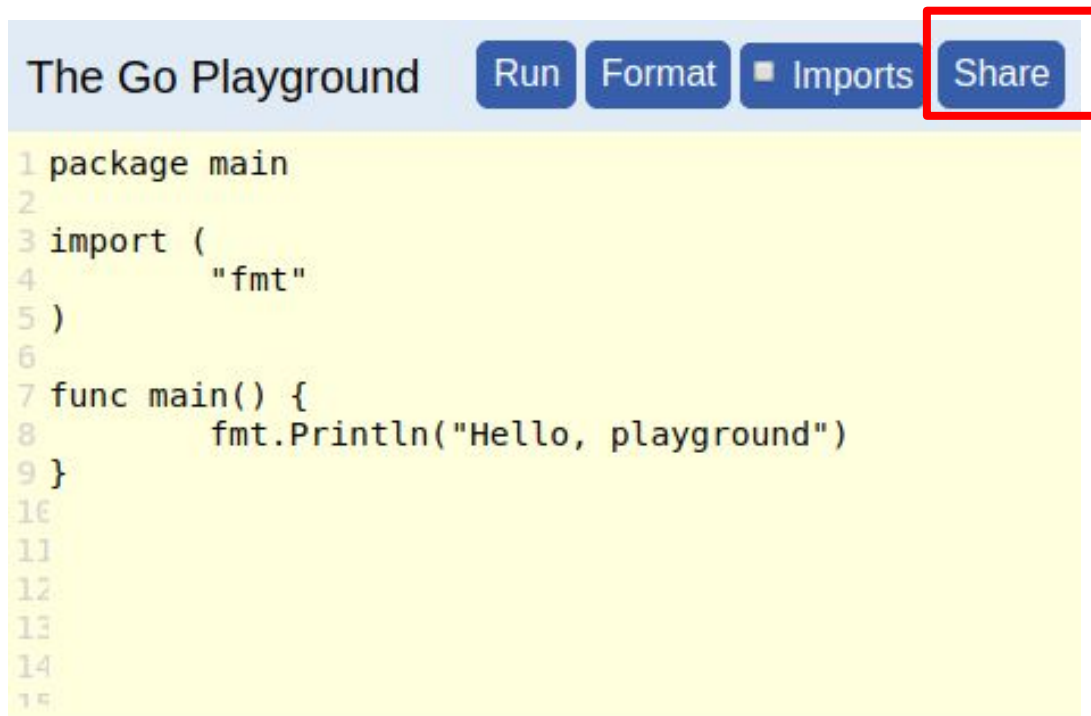
The screenshot shows the Go Playground interface. At the top, there's a header "A Tour of Go" with a Go logo and a menu icon. Below the header, there's a tab labeled "defer.go" and two buttons: "Imports off" and "Syntax off". The code editor contains the following Go code:

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     defer fmt.Println("world")
7
8     fmt.Println("hello")
9 }
10
```

At the bottom of the editor, there are three buttons: "Reset", "Format", and "Run". Below the buttons is a cartoon drawing of a dog's face.

[Tour of Go](#) and [Go Playground](#)

Get Started



The screenshot shows the 'The Go Playground' interface. At the top, there is a title 'The Go Playground' and four buttons: 'Run', 'Format', 'Imports', and 'Share'. The 'Share' button is highlighted with a red rectangular box. Below the buttons is a text area containing Go code. The code is as follows:

```
1 package main
2
3 import (
4     "fmt"
5 )
6
7 func main() {
8     fmt.Println("Hello, playground")
9 }
10
11
12
13
14
15
```

[Tour of Go](#) and [Go Playground](#)

Your First Program



How to Write Go Code

- Introduction
- Code organization
 - Overview
 - Workspaces
 - The GOPATH environment variable
 - Import paths
- Your first program
- Your first library
- Package names
- Testing
- Remote packages
- What's next
- Getting help

[How to Write Go Code](#)

Effective Go - Writing Go the Go Way

```
// Compile parses a regular expression and returns, if successful,  
// a Regexp that can be used to match against text.  
func Compile(str string) (*Regexp, error) {
```

```
taavi@voo: ~/go/src/github.com/tkivisik/go $ go doc -all
```

FUNCTIONS

```
func Compile(str string) (*regexp, error)  
    Compile parses a regular expression and returns, if successful, a Regexp  
    that can be used to match against text.
```

[Effective Go](#) + Go deeper with [Go Language Specification](#)

Recently Announced
[go.dev](#)



Videos

- FOSDEM
 - [in YouTube](#)
 - [Archive](#) - search 'Go devroom' (change the year in url)
- [Gopher Academy](#) - from GopherCons
- [dotGo](#) - from dotGo Paris (in March)
- [Golang.org Youtube](#) - from different sources



Videos

- [JustForFunc](#) - by Francesc Campoy
- [LearnToCode](#) - by Todd McLeod
- [Gophercises](#) - by Jon Calhoun

[[slides](#)]



Ecosystem is Changing

Most starred GitHub repositories - [monthly](#)



Seek Help
From Others



Ask Interactively

- [Gopher Slack](#)
 - Also look for local channels
 - **#estonia**
 - #newbies
 - #jobs
 - #performance

Ask Face-to-Face

- [Go Meetups](#)
- [Conferences](#)
 - GoDays in Berlin - Jan 21-23, 2020
 - -20% Discount:
 - #GODAYS20_20%@COMMUNITY
 - DotGo in Paris - March 30, 2020
 - -10% Discount:
 - <https://www.dotgo.eu/tickets?promocode=GOLANGESTONIA>

Ask Slowly

- [Golangbridge Forum](#)
- [Stack Overflow](#) - Q&A with a Go tag
- [Stack Overflow](#) - responses by icza

Stay Informed

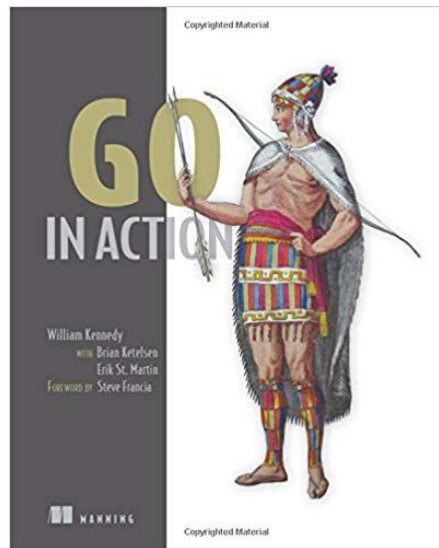
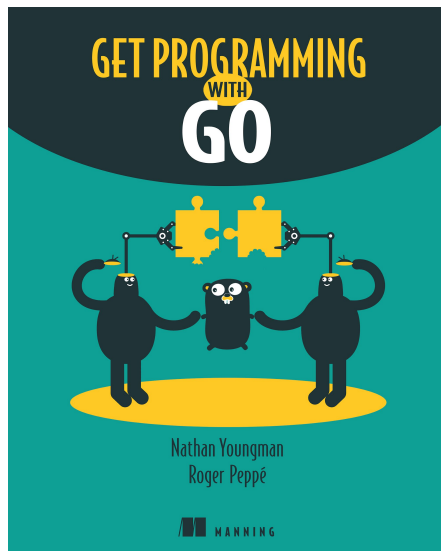
Mailing lists:

- [golang-nuts](#) - general Go mailing list
- [golang-dev](#) - development mailing list
- [Golang Weekly](#)

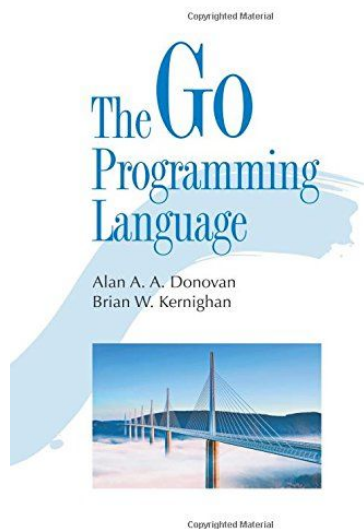
Other

- [Release dashboard](#)
 - [The Go Blog](#)
- 

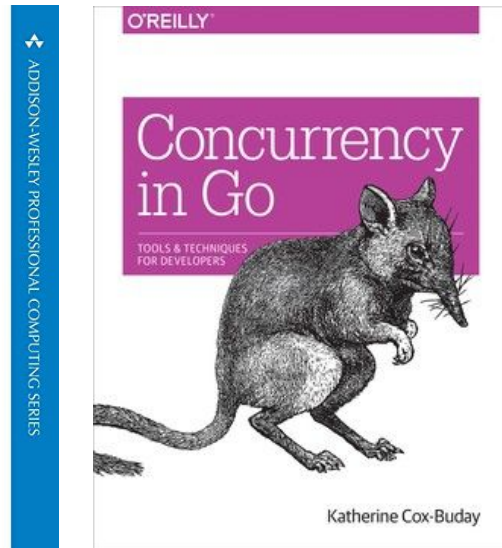
Books



Well written



Like a manual



Great Concurrency

When you have not written much code before

Taavi Kivisik

Freelance | Go, ML

taavi.kivisik@gmail.com

Join Gopher Slack
#estonia channel →

<https://tinyurl.com/gopherslack>



As part of GoTurns10 celebrations, we **will record a video** (like this https://twitter.com/go_aki/status/1196715113266302976) with everyone who wants to join. All who join must digitally sign the following

<https://bit.ly/2KE5azL>

with **GoTurns10** as Campaign name preferably before the event.