Quick & Dirty Webapps

Using Go

Me

- https://www.linkedin.com/in/tom-balcombe-91539276/
  - My linkedin
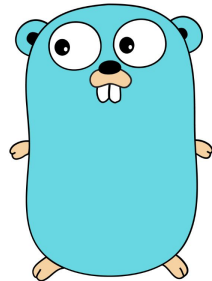
- https://soundcloud.com/tomx3-1
  - Electronic music production

- https://github.com/tbal999
  - Go

The Premise(s)

1) You all have roughly 1 year experience programming.
    a) If you write kernels, compilers, OS's etc - I am sorry!
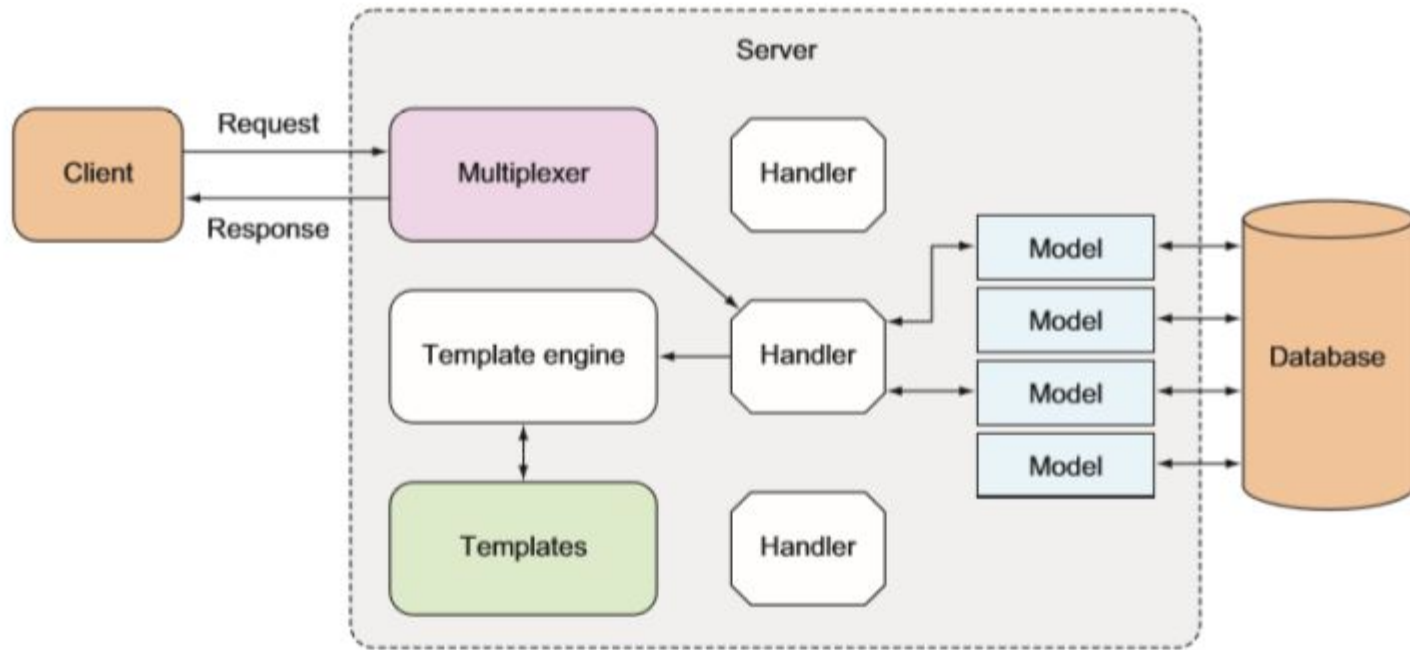   b) If you are new to programming and keen to learn more about Go - I hope you learn something!

2) If it's easy to follow, you will want to learn more!
    a) Maybe you've developed a fancy tool at work, but want to add a simple GUI layer on top?
    b) There are web frameworks i.e **Buffalo** & **Beego** but they are a layer or two more complex than what I will show you. So why not start here then progress up?
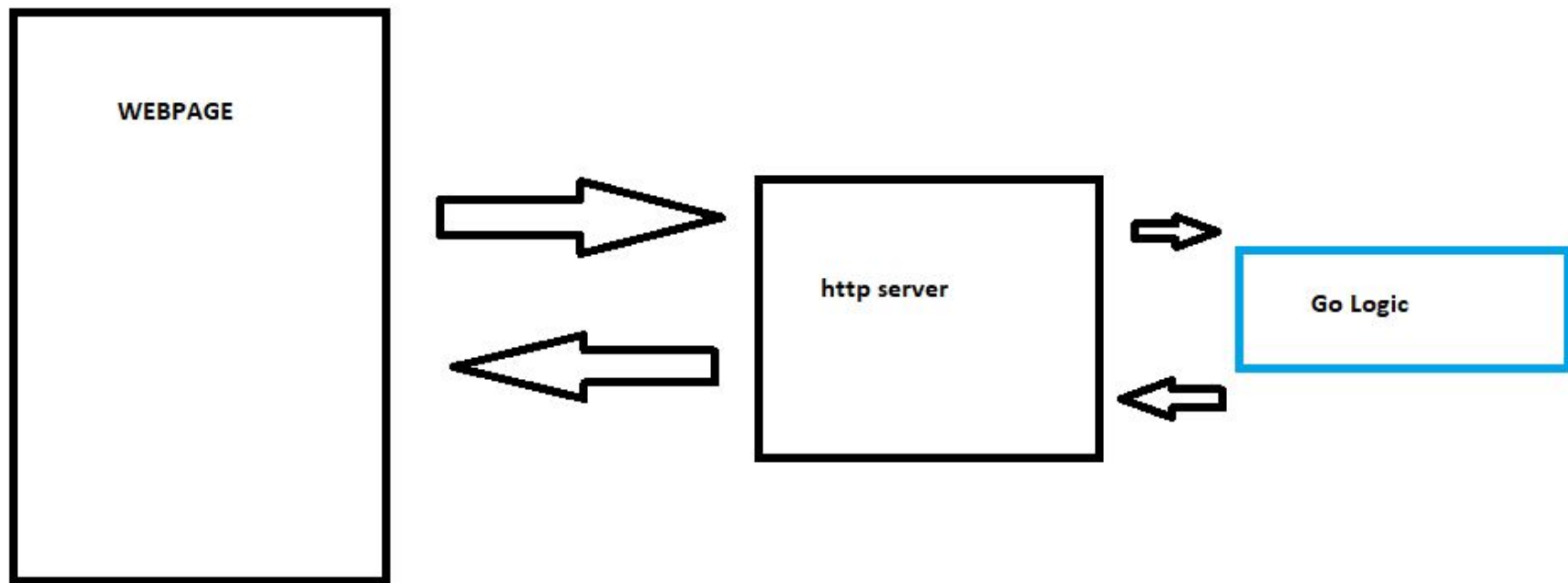
What do you need?

1) A tiny bit of ...
   a) HTML knowledge (*forms, buttons, text input*)
   b) Go knowledge (*< 1 year*)
   c) Understanding of Handlers in HTTP (*"/" and "/dostuff" <- that basically*)

In the future maybe?

today!

WEBPAGE

http server

Go Logic

Basic example

https://github.com/tbal999/tldr-webapp/blob/main/basic.go

This is a webapp example.

This app takes text input and prints it back out to you on the web page.

It demonstrates taking in user input and then processing it and presenting it back to you.

Another example

https://github.com/tbal999/tldr-webapp

This app makes use of a free library (tldr) that can summarize large amounts of text.

You paste in a <7000 character long piece of text and hit submit and it will provide a concise summary of that text!

Or press Exit to quit the application.

What next?

1) Learn how to set up your own website!
   a) https://fern91.com <- mine!

2) Build web apps (i.e URL shorteners / home made mail clients / photo albums)
   a) Feel free to use the examples as templates!

3) Use JSON to save and load information.
   a) Then move on to using databases!

4) Have fun!!

Q&A