Emerging Technologies

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Topics

Context

Go

Context

Topology of software development

Cloud infrastructure Azure, AWS, Google Cloud, Heroku, Docker

Web applications Email, Social Networking, Enterprise software

Mobile Application Games, Fitness, Social, Productivity

Types of Programming Languages

Scripting Python

Systems Rust

spectrum.ieee.org/computing/software/the-2015-top-ten-programming-languages

I'm always delighted by the light touch and stillness of early programming languages. Not much text; a lot gets done. Old programs read like quiet conversations between a well-spoken research worker and a well studied mechanical colleague, not as a debate with a compiler. Who'd have guessed sophistication bought such noise?

— Dick Gabriel

web.stanford.edu/class/ee380/Abstracts/100428-pike-stanford.pdf

Go

```go
package main
import "fmt"
func main() {
  fmt.Println("hello world")
}
```

gobyexample.com/hello-world