

# Emerging Technologies

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Context

Go

## Context

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**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



*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*

**Go**

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# Hello, World!

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