

Go

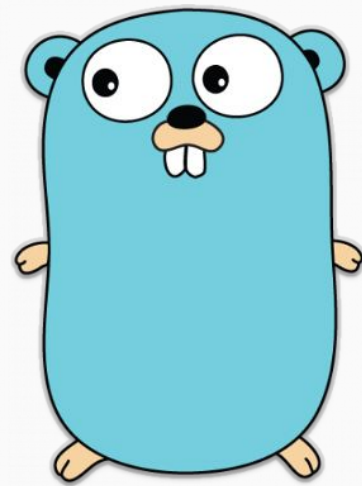
Lightning Talk
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Agenda

- History
- Main features

History

- Designed at Google in 2007
- Designed as an alternative to C++ and Python
- Used by many companies
 - Google, Facebook, Apple, Twitter, Github, Uber, etc.



Main Features

- General Purpose Language
- Statically Typed
- Usability & Readability

General Purpose Language

- Command Line Applications
- Web Servers
- Cloud Computing
- Mobile Development
- Game Development

Static Typization

Variable types are known in advance during compilation.

Example (both variables are floating-point numbers):

```
var a float64
```

```
pi := 3.14
```

Usability & Readability

- Simple syntax
- Go program is easy to read
- Easy to write efficient programs

Summary

- Go is a modern general-purpose language
- Usability and readability are the main features

Salary and Experience by Language



Source: Salary and experience by programming language 2020 Stackoverflow survey