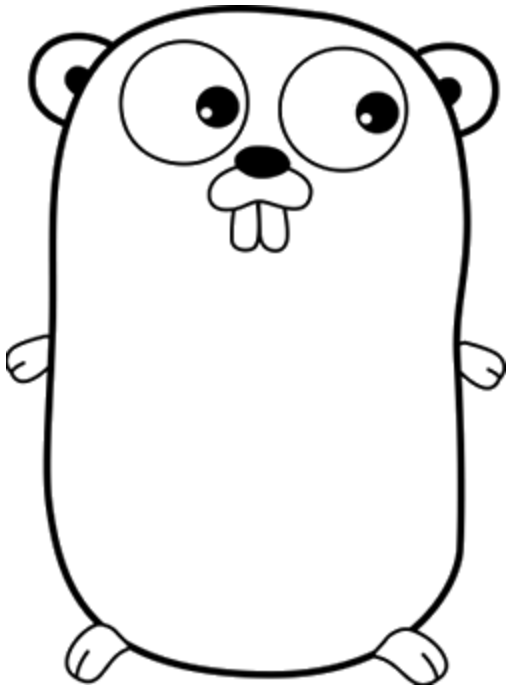# Go language

Go is an open source programming language that makes it easy to build simple, reliable, and efficient software.

> The Go programming language is an open source project to make programmers more productive.
>
> Go is expressive, concise, clean, and efficient. Its concurrency mechanisms make it easy to write programs that get the most out of multicore and networked machines, while its novel type system enables flexible and modular program construction. Go compiles quickly to machine code yet has the convenience of garbage collection and the power of run-time reflection. It's a fast, statically typed, compiled language that feels like a dynamically typed, interpreted language.

Go is...

- Simple, boring
- Great for multithreading (coroutings): `go ...`
- Well suited for networked machines
- Garbage collected

Go has...

- A standardized code style
- Very fast compilation times
- Good standard library (batteries included)
- Integrated module system
- Good editor integration (at least for VSCode)

Gowiki

- A simple webbased wiki
    - Pages can be viewed, created and edited
    - Pages are written and edited in Markdown and rendered in HTML
- The program is a server application that serves static *templated* web pages

Gowiki demo