

# Parallel Processing in Go

## Flyfishing and a Monte Carlo Experiment

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# What is Go?

Go is an open source programming language which began development in 2007. It is ...

- ▶ Compiled
- ▶ Garbage collected
- ▶ Type/memory safe
- ▶ Concurrent
- ▶ Namespaced
- ▶ OOP friendly
- ▶ Unicode based

# Who made Go?

Google hired a few old time pioneers to design and develop Go.

- ▶ Ken Thompson (C and Unix)
- ▶ Rob Pike (Unix and UTF-8)
- ▶ Robert Griesemer (not as famous)

# What are the goals?

Go aims to be ...

- ▶ Intuitive to learn
- ▶ Quick to develop
- ▶ Blazing fast
- ▶ Beautifully parallel

# Can we see some Go?

And what about flyfishing?

`https://github.com/mgbelisle/flyfishing`