



Introduction to Go

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Summary

Go is a brand-spanking-new systems language that Google released in November, 2009. Every wonder how awesome C would be if it was garbage-collected, concurrent, and didn't take a few weeks to compile? Wake up; it's here! We'll take a look at this new language that steals some of the dynamic flexibility of Python and Ruby, the performance of C, and a compile time that you'll miss if you blink.

Why Do We Need a Systems Language?

```
_( __, __, __, __ ) { __/ __ <= __
__&&! __ ? (printf ("%d\t", __/ __)
__+! ( __/ __ % ( __ % __ ) ), __ ) : _
0, 0, 1) ; }
```

Specifications

- Compiled
- Imperative, structured
- Concurrent
- Strongly typed (explicit or inferred)