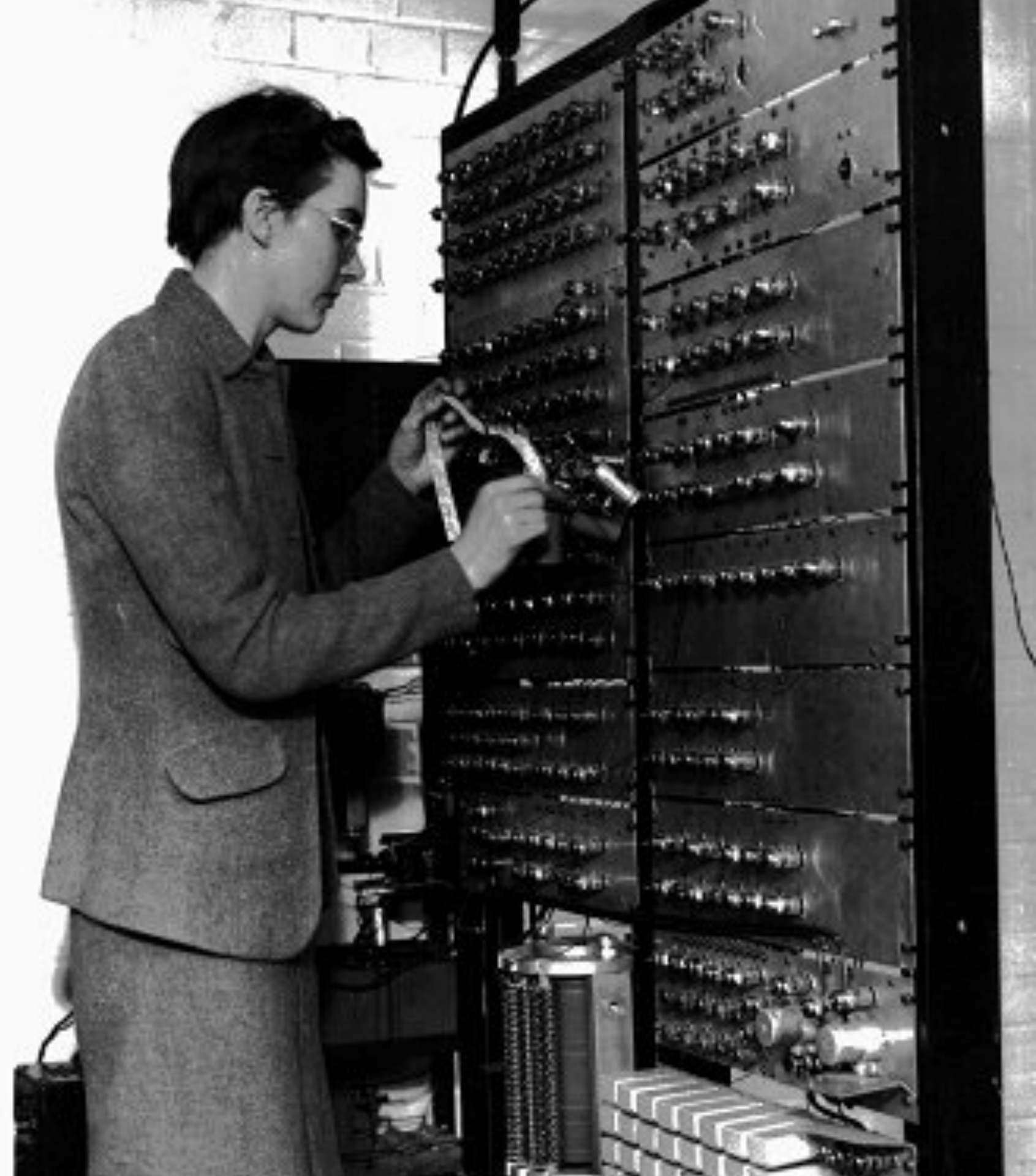


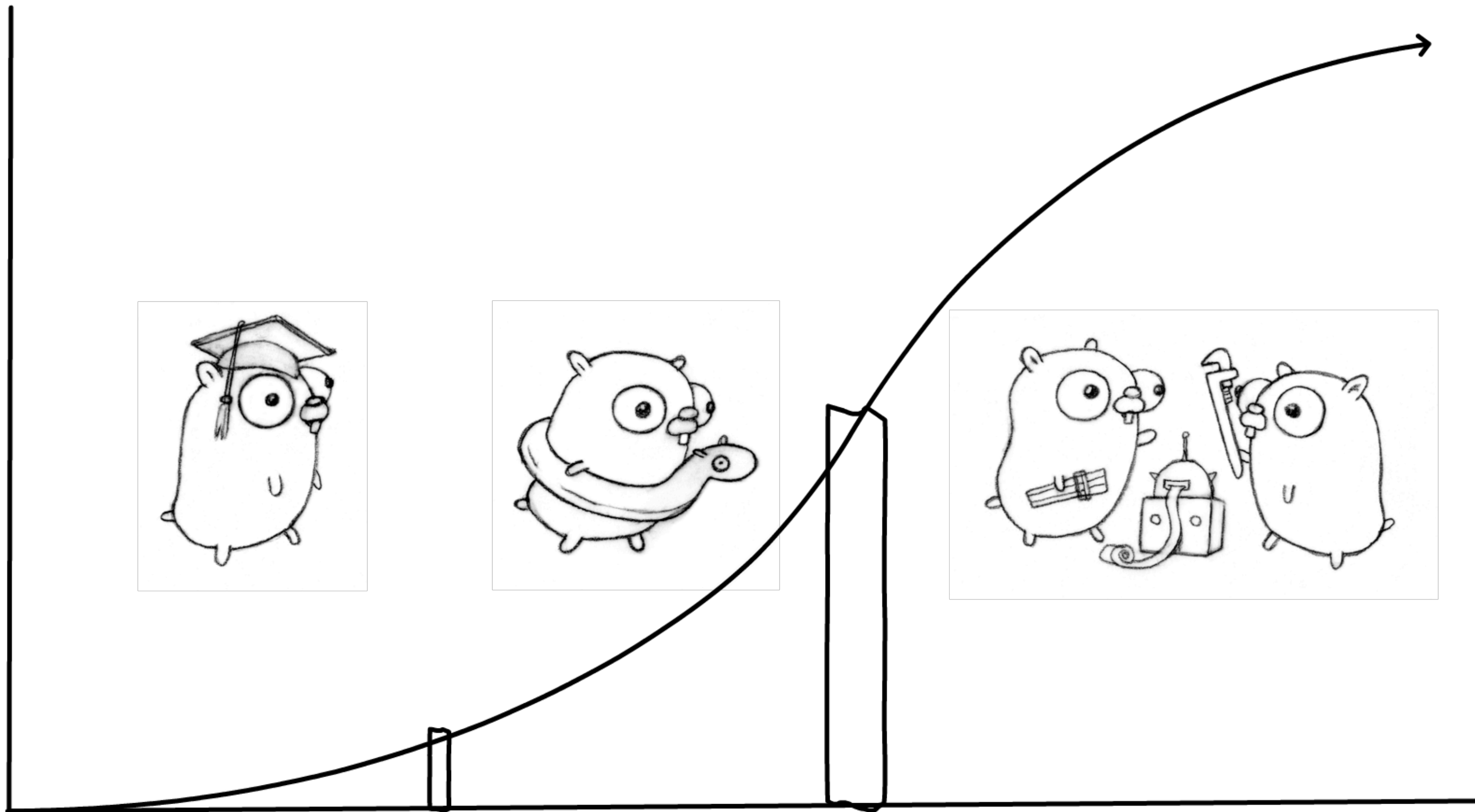
Crossing the language chasm

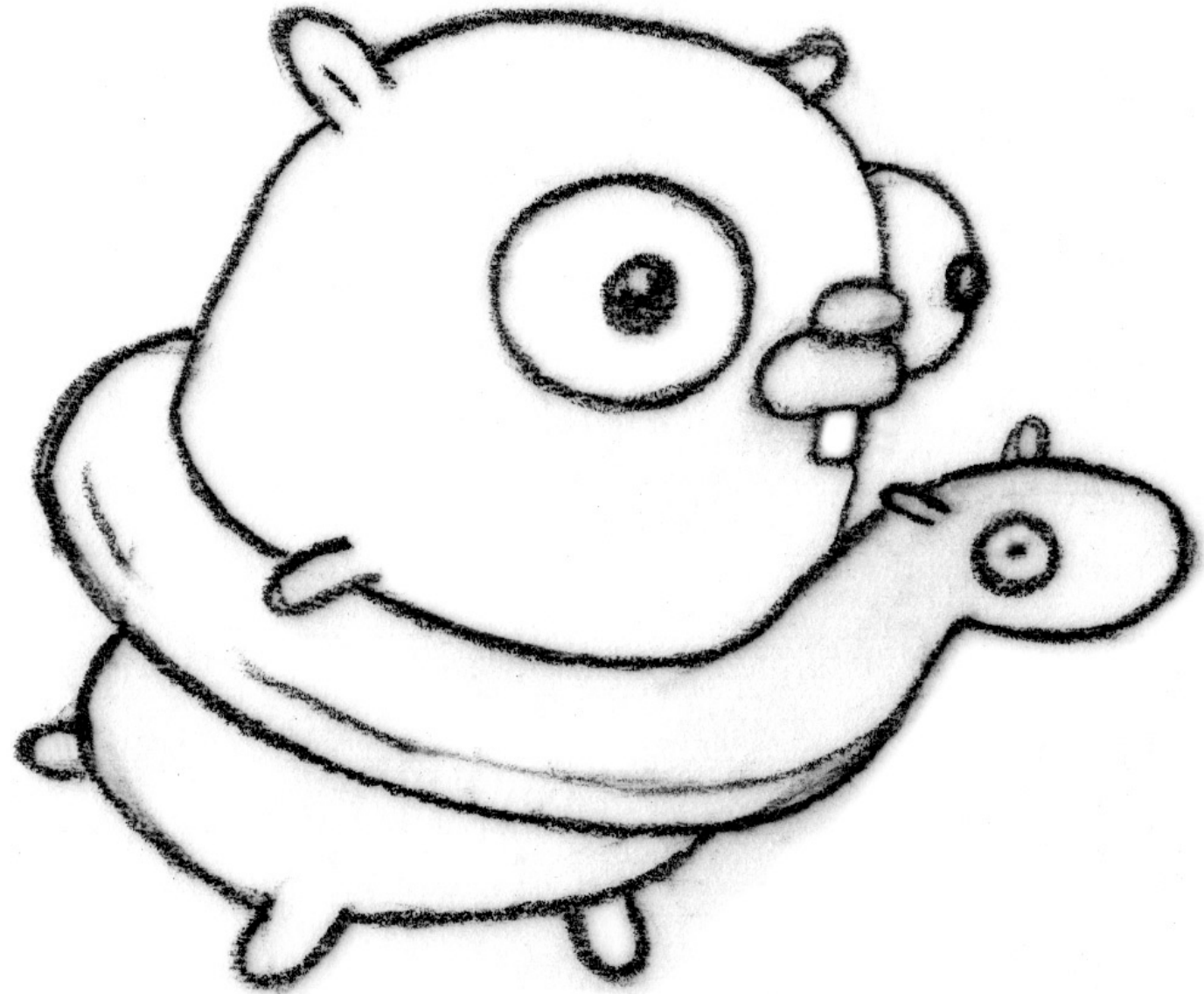
David Calavera

Principles and Progress in the Construction of High-Speed Digital Computers

-- Andrew D. Booth and
Kathleen H. V. Britten





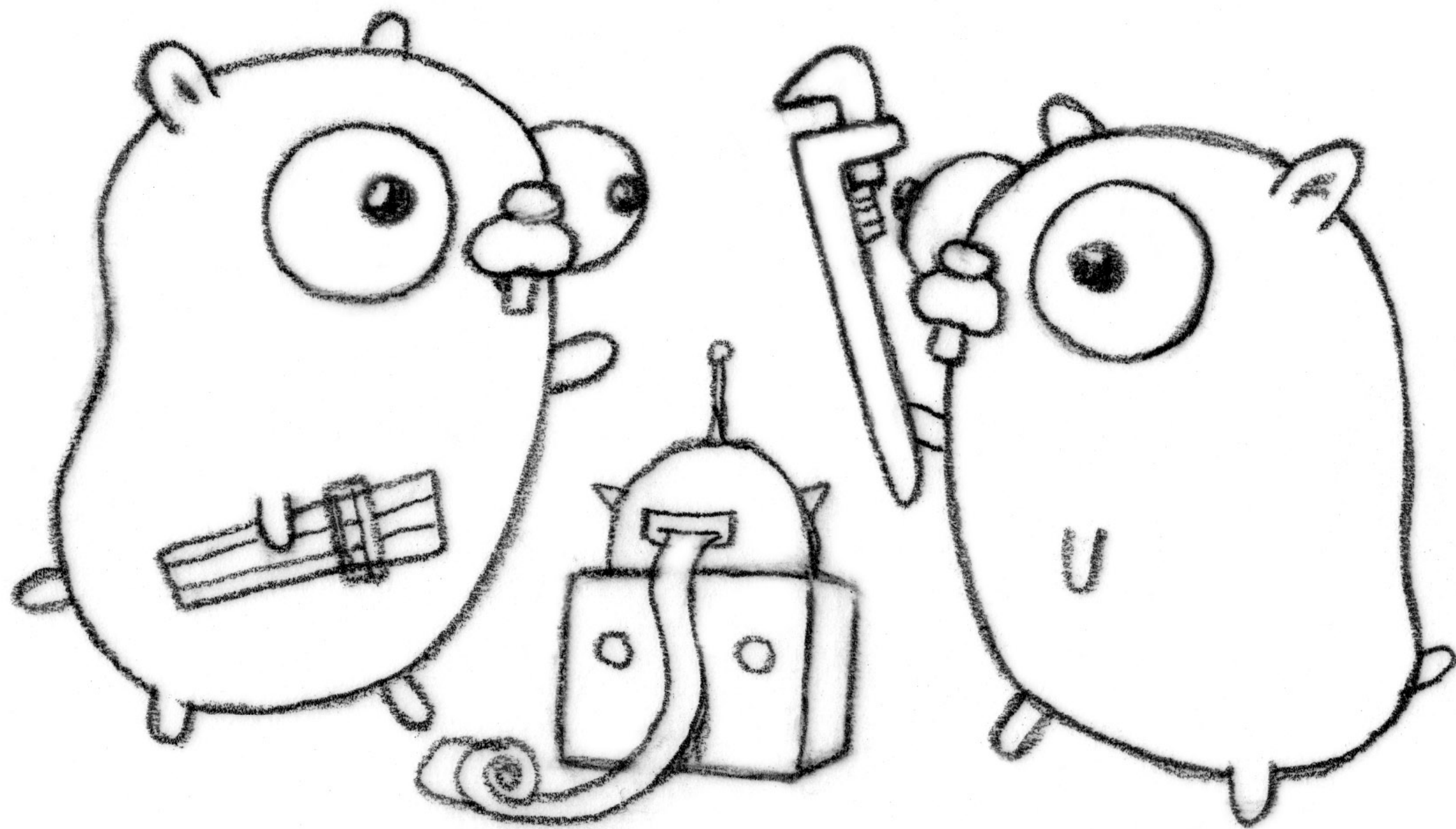




The best way to get those initial twenty users is to give people an application they want, which happens to be written in the new language.¹

-- Paul Graham

¹ <http://www.paulgraham.com/popular.html>



User Driven Design

One of the most important lessons about crossing the chasm is that the task ultimately requires achieving an unusual degree of company unity during the crossing period.²

-- **Geoffrey A. Moore**

² https://en.wikipedia.org/wiki/Crossing_the_Chasm

User Driven Design

The very existence of a master plan means, that the members of the community can have little impact on the future shape of their community, because most of the important decisions have already been made.³

-- **Christopher Alexander**

³ https://en.wikipedia.org/wiki/The_Oregon_Experiment

User Driven Design

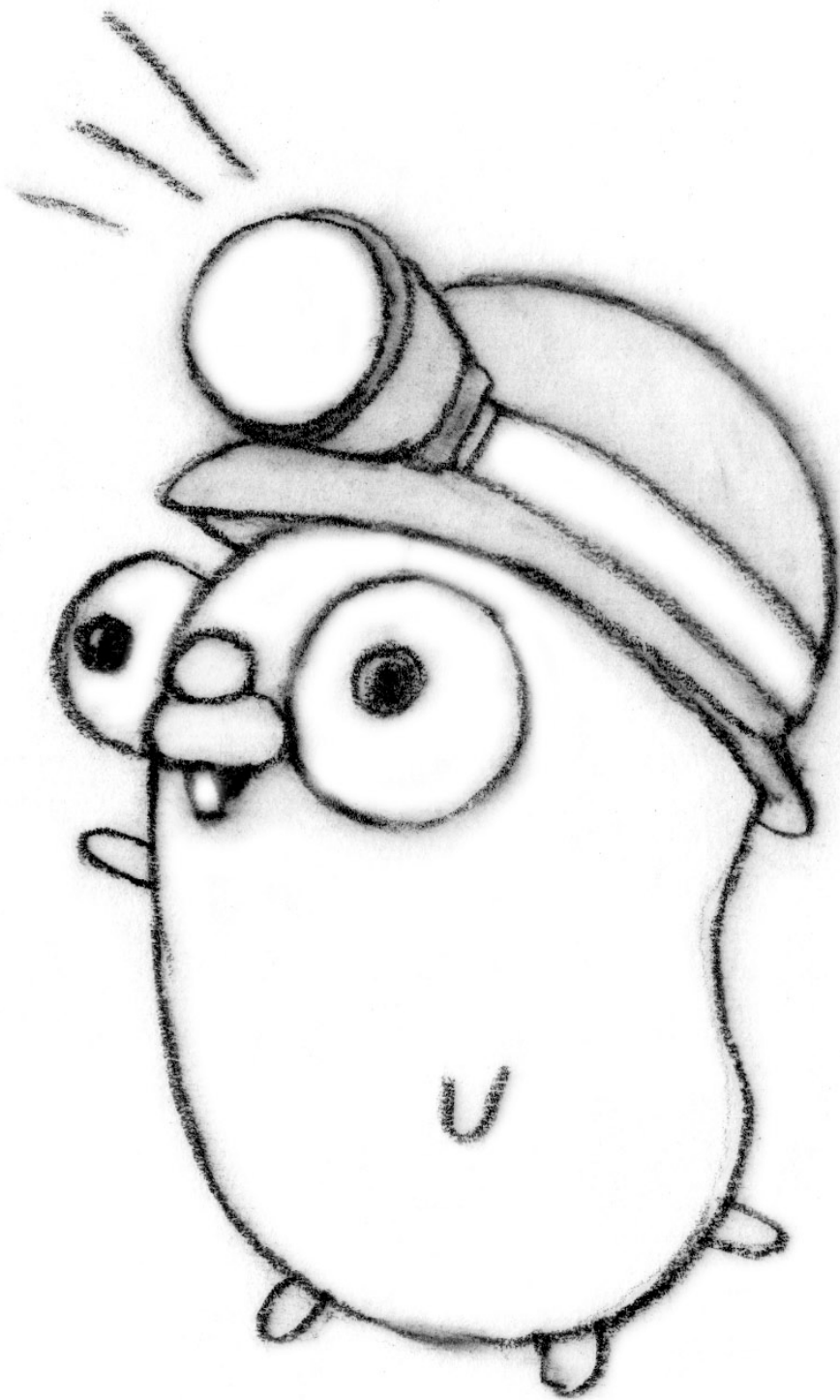
Only the people can guide the process of organic growth in a community. They know the most about their own needs, and they know most about how well or how badly the rooms and buildings, paths and open spaces are working.³

-- **Christopher Alexander**

³ https://en.wikipedia.org/wiki/The_Oregon_Experiment

User Driven Design

<https://github.com/golang/proposal>



Simplicity VS Goodness

Ultimately, it does not matter how simple or complex something is. The only question is whether the thing is any good.⁴

-- Dan Ward

⁴ The Simplicity Cycle: A Field Guide to Making Things Better Without Making Them Worse.

Simplicity VS Goodness

golang.org/pkg/html/template

Simplicity VS Goodness

go get [github.com/constabulary/gb/...](https://github.com/constabulary/gb/)

Simplicity VS Goodness

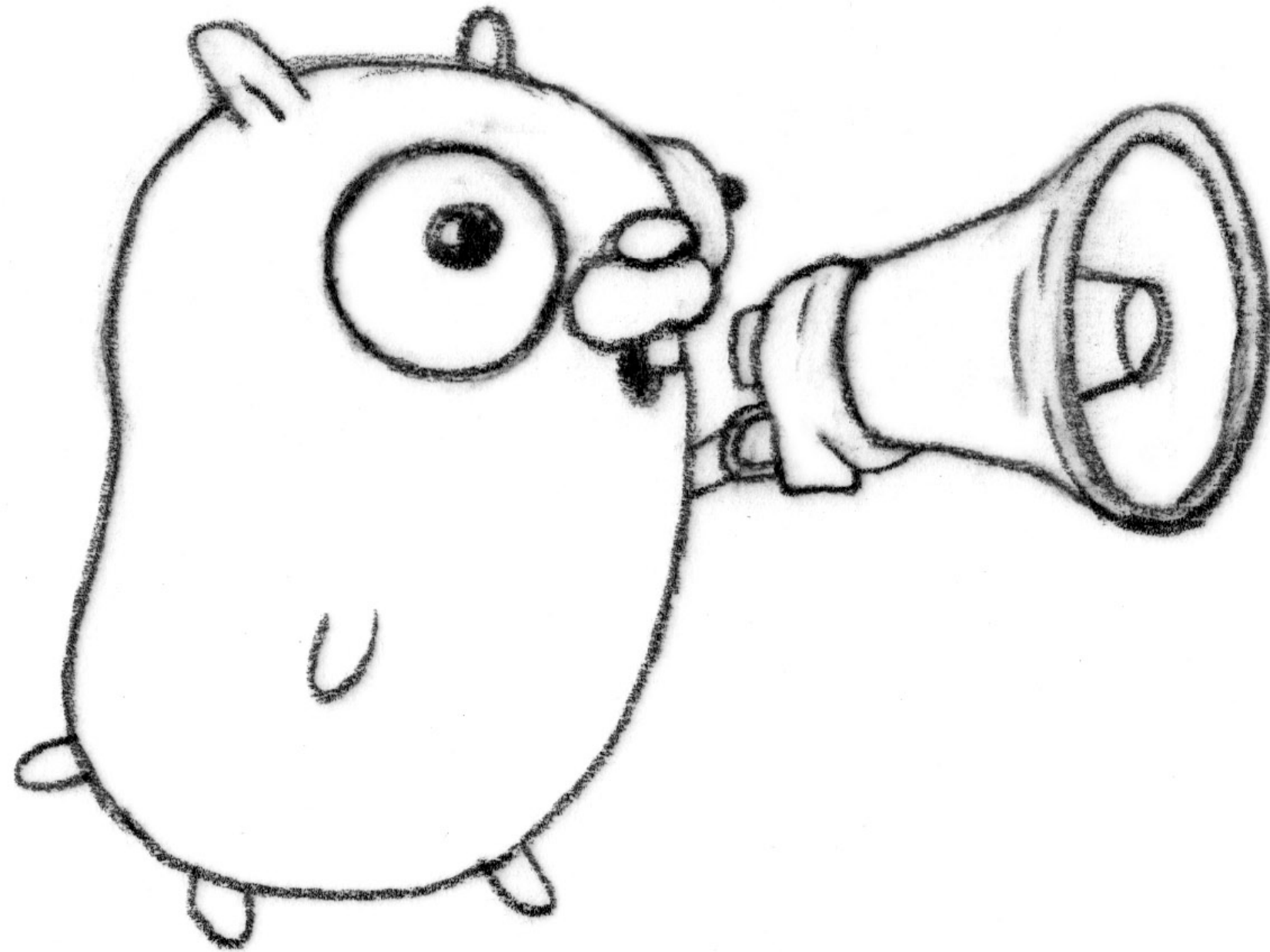
github.com/golang/tools

VS

github.com/fatih/vim-go

VS

github.com/go-lang-plugin-org/go-lang-idea-plugin



Patterns

A general planning principle, which states a clear problem that may occur repeatedly in the environment, states the range of contexts in which this problem will occur, and gives general features required which solve this problem.³

-- Christopher Alexander

³ https://en.wikipedia.org/wiki/The_Oregon_Experiment

Patterns

We may regard a pattern as an empirically grounded imperative, which states the preconditions for healthy individual and social life in a community.³

-- Christopher Alexander

³ https://en.wikipedia.org/wiki/The_Oregon_Experiment

Patterns

Go can be the most inclusive community in the tech industry.⁶

-- **Andrew Gerrand**

⁶ <https://sourcegraph.com/blog/live/gophercon2015/123748269730>

Patterns

The early adopters set the tone for a community in ways that are often difficult to change.⁵

-- Betsy Haibel

⁵ <https://modelviewculture.com/pieces/the-life-cycle-of-programming-languages>

Be patient

Be helpful

Be kind

Thank you

@calavera