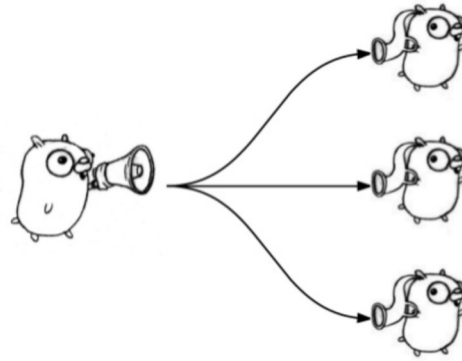
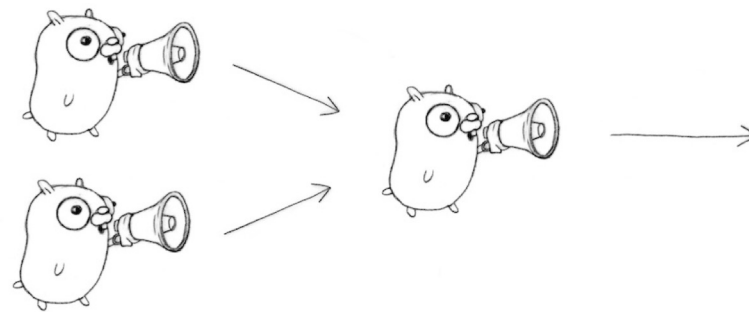


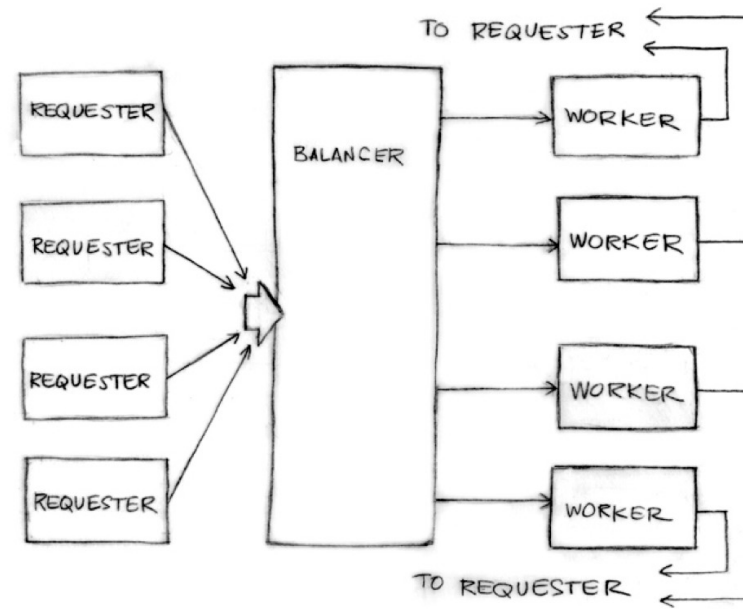
## Golang: Fan-out



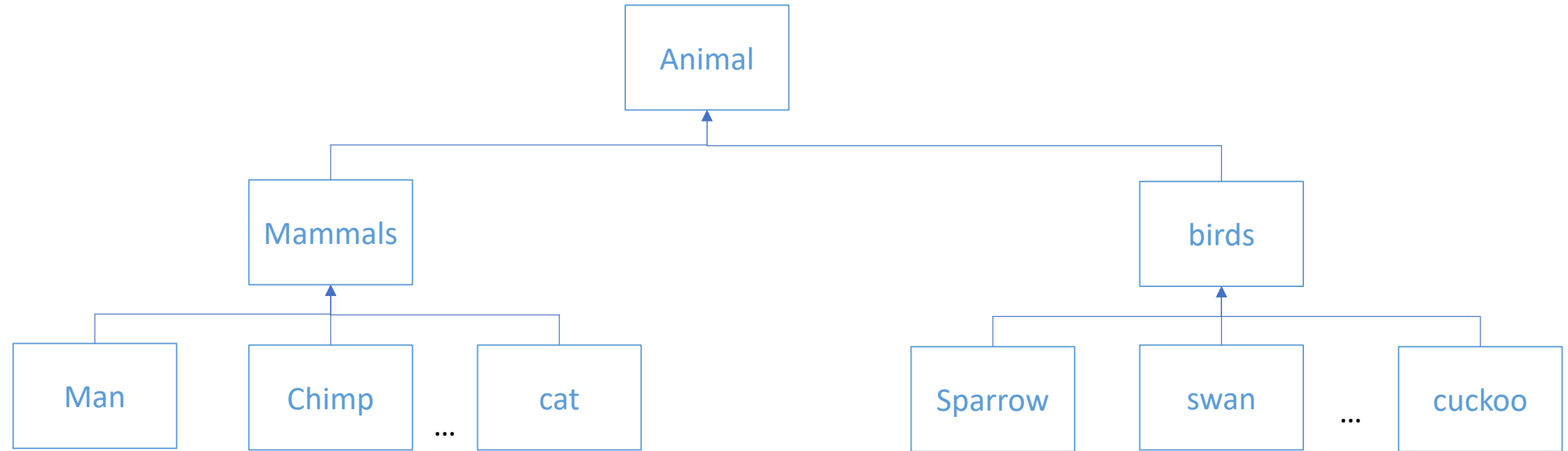
## Fan-in



## Load balancer



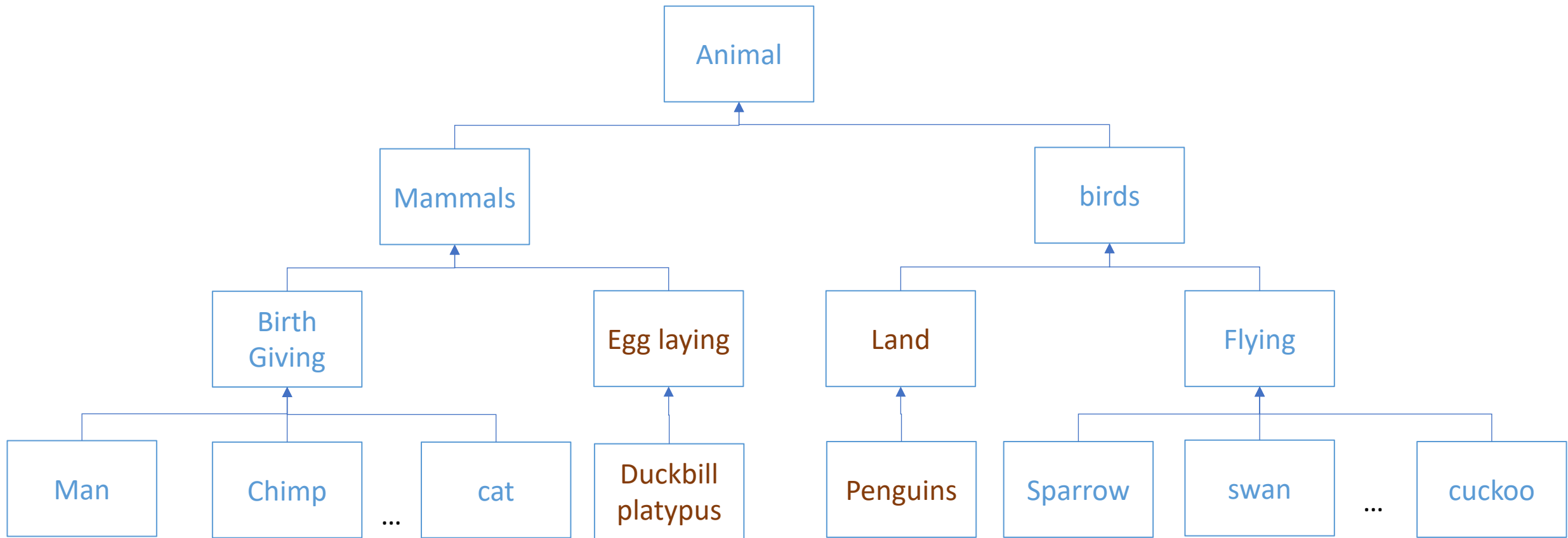
# Classical Inheritance



If we consider properties like laying eggs and flying.

Where to fit the exceptions like Duckbill platypus, Penguins & Bats?

# Classical Inheritance

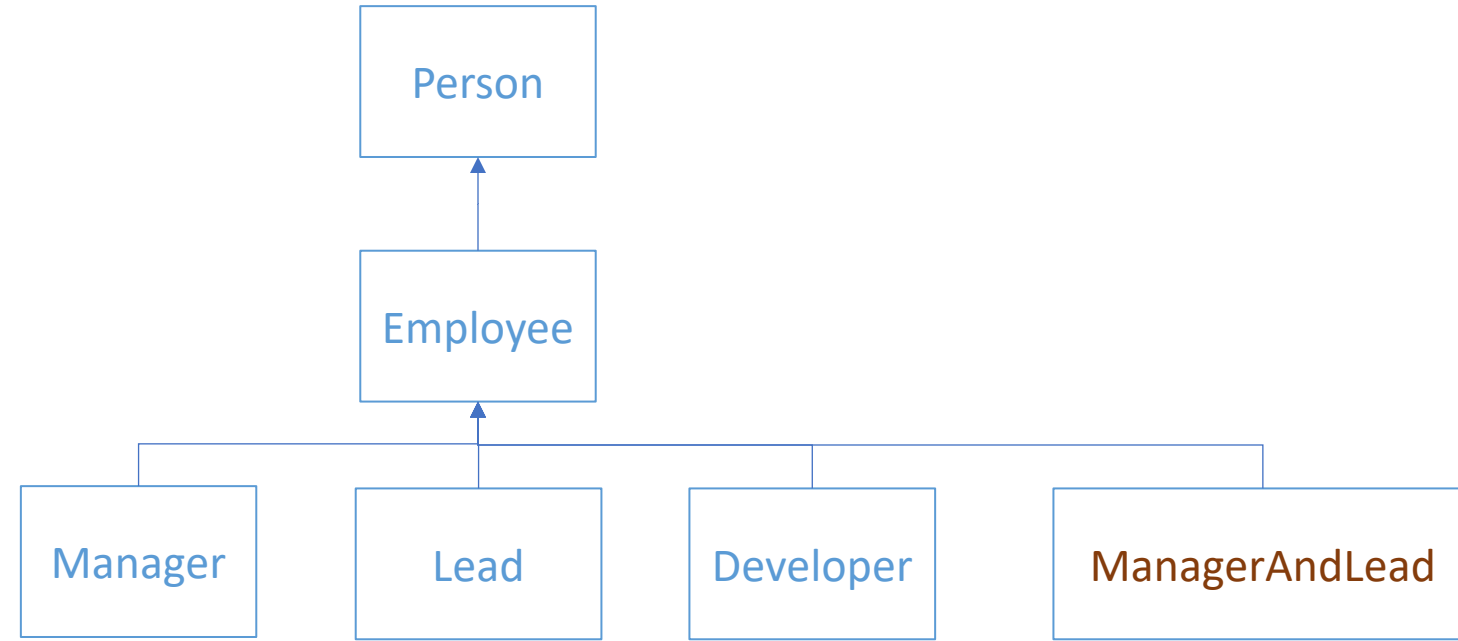


The special cases will not have too many children. Probably only one most of the times.

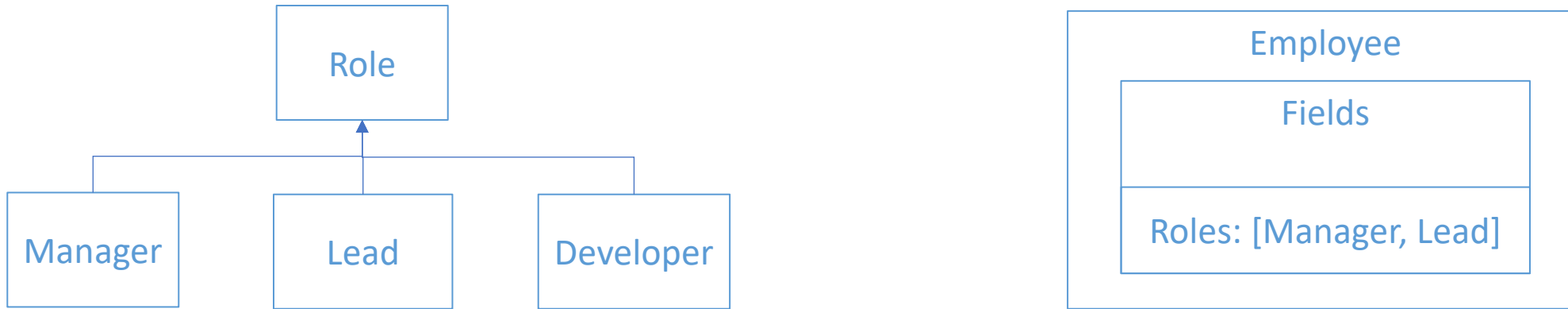
*Still, we have **bats** that are flying mammals*



## Classical Inheritance



Instead, we can have



Flat single level inheritance is not a problem like deep multi level inheritance is.

Since above is like an Enum.

Interfaces are also single level.

Interfaces are way to see things under a collective umbrella based on certain traits that they exhibit or implement

[https://talks.golang.org/2012/splash.article#TOC\\_15](https://talks.golang.org/2012/splash.article#TOC_15).