

Concurrency is hard

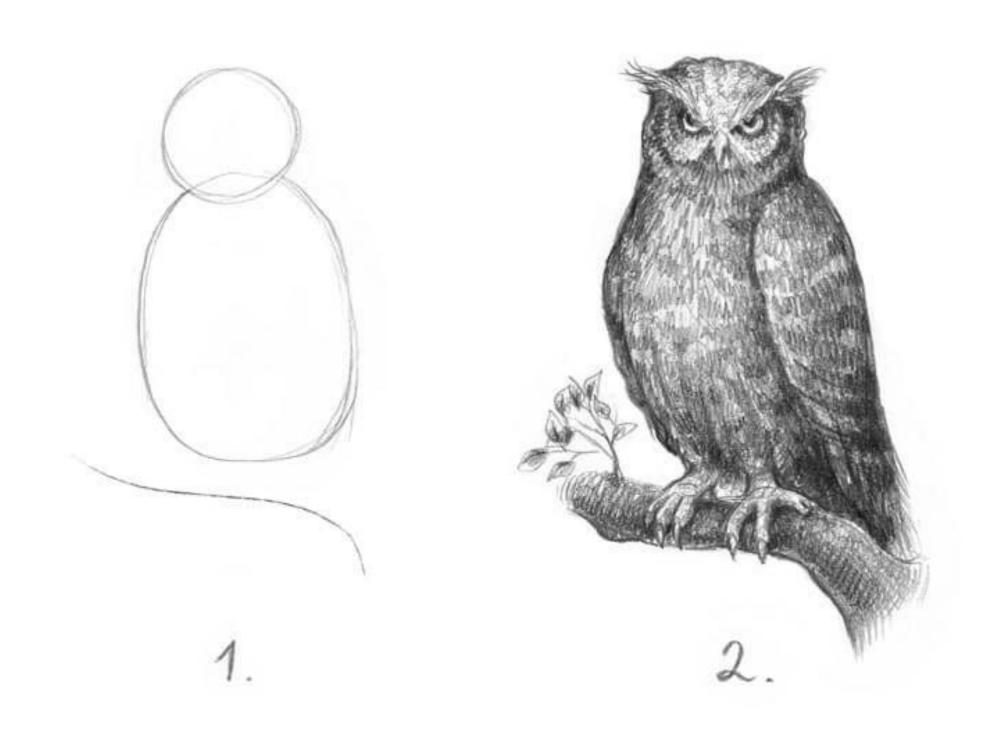


We had an engineer at Mozilla who decided to use a thread sanitiser tool to look for data races [in our C ++ codebase] ... and he found that in every case where Firefox used threads, there were data races. Not most cases - every single case.

- Jim Blandy

CoRecursive podcast: Rust and bitter C++ developers

Concurrency issues? Use immutable data structure



Plan

- Implement a parallel collection
- Analyse a large dataset of global temperatures by cities
- Learn Scala features:
 - For loops
 - Recursions
 - Enumerations
 - Future