

The background of the image is a dark teal color with a complex network of white lines and dots. The dots are of varying sizes and are connected by thin white lines, creating a web-like structure that spans the entire image. The lines and dots are more densely packed in some areas and more sparse in others, giving it a dynamic, interconnected feel.

PARALLEL DATA PROCESSING

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



1.



2.

Plan

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