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Peer To Peer Groups

Kitchener-Waterloo, Canada

Concurrent Optimization Methods Using Go

Brodie Roberts, June 12, 2018 [repo]

Concurrency is a powerful tool for doing huge amounts of computation on today's multi-core computers. But that power is limited by the design of paralleling the problem and its implementation using threads and locks. We'll start with a sub-optimal concurrent Go program and walk through improving it - iterating on finding the program's bottleneck, improving it, and seeing the program get faster. We'll also cover general tips and tricks of concurrent optimization to apply to your own computationally intensive programs.

Conferences

GopherCon 2018, Denver, Colorado

The Importance of Beginners

Natalie Pistunovich, August 29

- Session details
- Slides

Rethinking Classical Concurrency Patterns

Bryan C. Mills, August 28

- Slides with speaker notes