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Computer Architecture & Performance Tuning E1

Friday, 1 September 2017 14:00 (1 hour)

The aim of the exercises in this series is to give the attendees a practical introduction to performance oriented programming on Linux. Advanced tools will be used during the course, enabling the participants to discover how the interaction of the code and the hardware influences performance. The participants will also be given the task of correlating performance figures with certain programming decisions. In addition, the participants will understand the limits of performance optimization and the ways to establish at which point inside those limits their workload is placed. The exercises will be supported by demonstrating real world problems in production environments, including multi-threaded examples.

Summary

Presenter: NOWAK, Andrzej

Track Classification: Base Technologies