

Porting Network Applications to Multicore Processors

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Abstract:

In the last years I had the chance (?) to be involved in the development of few products that were based on multicore processors. Some of these projects were based on porting existing sequential code to multicore environments. In this presentation, I describe some of the challenges we encountered and try to share some of the insights we learned in the process.

Short Bio:

Dan Touitou is a distinguished engineer at Cisco Systems. He joined Cisco following the acquisition of Riverhead Networks where he was chief architect and co-founder. Dan holds a Ph.D. in computer science from Tel Aviv University. His interests are software performance optimization, multicore programming and network security.