The Demise of Transparent Distributed Operating Systems

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ABSTRACT

For decades the Holy Grail of distributed computing research and development seemed to be "Single System Image" transparency. This dream has been realized in research platforms (like Locus), flagship commercial products (like Sun Cluster and Microsoft's Wolfpack), and is now working its way into open source technology.

This presentation will briefly overview the initial motivations for these systems, how they have evolved, the fundamental problems that seem to vex them, and how changes in technology, experience, and commercial computing are fundamentally altering both our goals and our approaches to realizing them.

Bio:
Mark Kampe has spent over 30 years as an OS developer, architect and engineering manager. He has worked on numerous multi-processor, tightly coupled, loosely coupled, and highly available distributed systems.

Thursday, March 22nd, at 4:15 p.m.

Computer Science Department
Edmunds Building, Room 101
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Refreshments will be available starting at 4:00 pm