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DryadLINQ: A System for General-Purpose Distributed Data-Parallel Computing Using a High-Level Language
Yuan Yu, Michael Isard, Dennis Fetterly, and Mihai Budiu, Microsoft Research Silicon Valley; Úlfar Erlingsson, Reykjavík University, Iceland, and Microsoft Research Silicon Valley; Pradeep Kumar Gunda and Jon Currey, Microsoft Research Silicon Valley

Everest: Scaling Down Peak Loads Through I/O Off-Loading
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Improving MapReduce Performance in Heterogeneous Environments
Matei Zaharia, Andy Konwinski, Anthony D. Joseph, Randy Katz, and Ion Stoica, University of California, Berkeley

OS Architecture

Corey: An Operating System for Many Cores
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CuriOS: Improving Reliability through Operating System Structure
Francis M. David, Ellick M. Chan, Jeffrey C. Carlyle, and Roy H. Campbell, University of Illinois at Urbana-Champaign

Redline: First Class Support for Interactivity in Commodity Operating Systems
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Lightweight, High-Resolution Monitoring for Troubleshooting Production Systems
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Automating Network Application Dependency Discovery: Experiences, Limitations, and New Solutions
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