Computer performance modeling

Our work in this area is focused on dynamic models of computer systems, with special emphasis on disk subsystem modeling. We developed an efficient dynamic model of disk subsystems that includes very accurate modelings of seek time, and nonlinear effects caused by caching and disk access optimization performed by operating systems. Another project was a Queuing Network Animation System (QNAS) that is available on Internet. Finally, we used the LSP criteria to develop algorithms for optimization of computer system configurations.

Publications:


