

Runtime Overhead

Criticism: Threads don't perform

Minimize context switch overhead

well for high concurrency

Avoid O(n) operations

Slightly modified GNU Pth

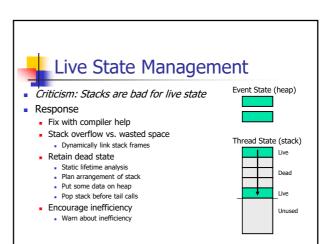
Simple scalability test

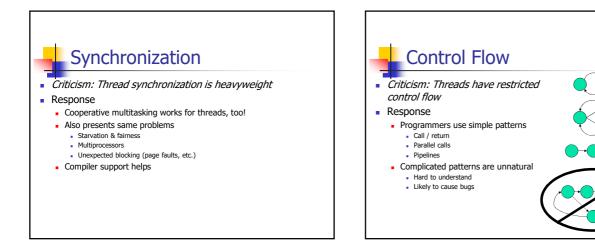
Thread-per-task vs.

Same performance!

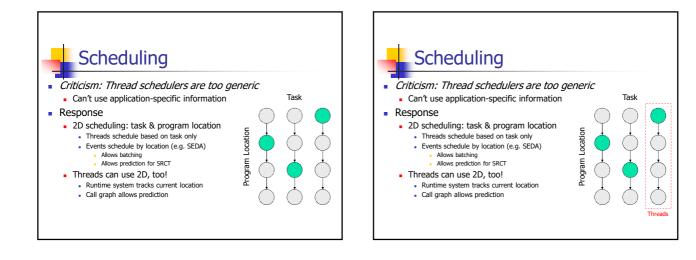
single thread

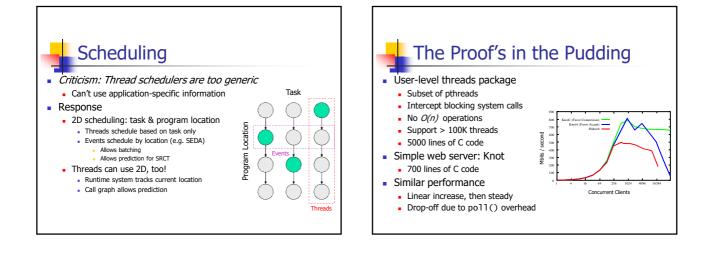
Response

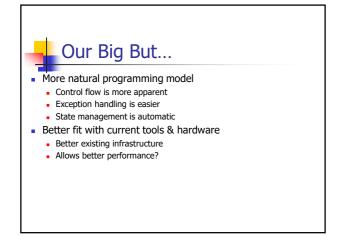


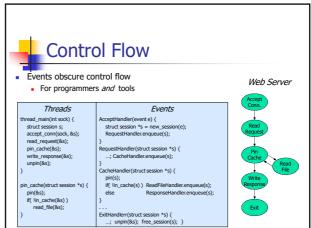


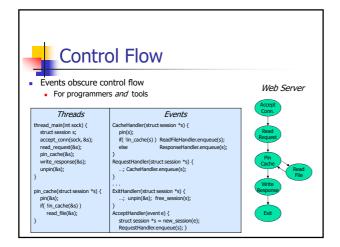
nt Task

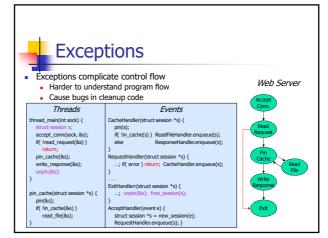


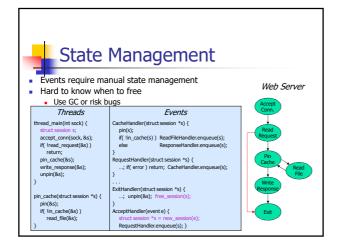


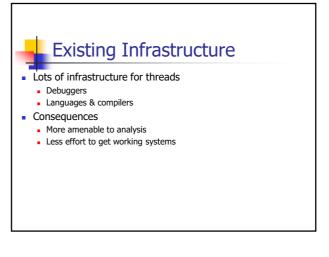


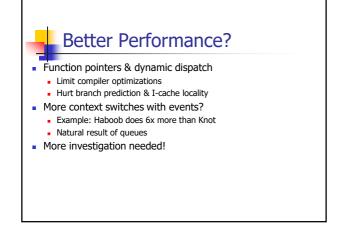














Improve performance and decrease complexity

* Working prototype in threads package

