Week 9 Critique

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1. [Everything you always wanted to know about synchronization but were afraid to ask](https://dl.acm.org/citation.cfm?id=2522714)

This paper provides study about various popular synchronization schemes’s performance. This study was conducted in a correspondingly deep(from hardware to software approach) and wide(single, multi socket) manner. As a result, they conducted following two conclusion: 1. inter-socket latency is 2 ~ 7.5 times compared to intra-socket latency. 2. In low contention, simple lock(ex : spin lock) is performs better than complex locks. In high contention, certain lock perform better in certain architecture and workload.