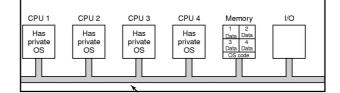


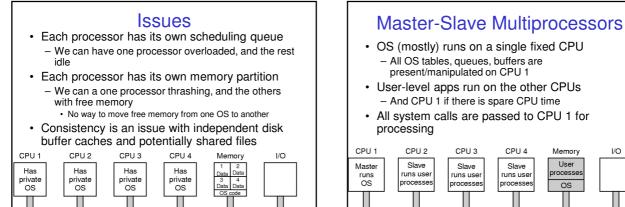
OS

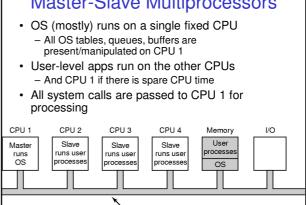
Each CPU has its own OS

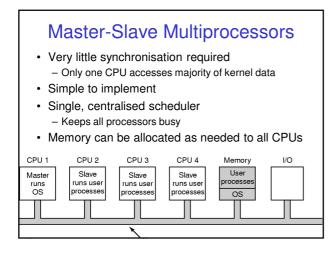
- · Used in early multiprocessor systems to 'get them going'
 - Simpler to implement

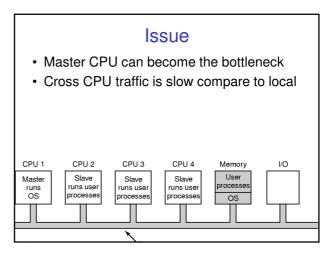
- Avoids concurrency issues by not sharing

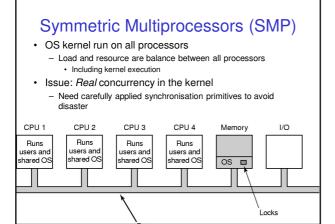


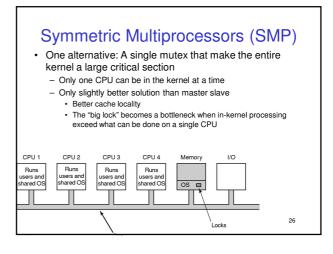


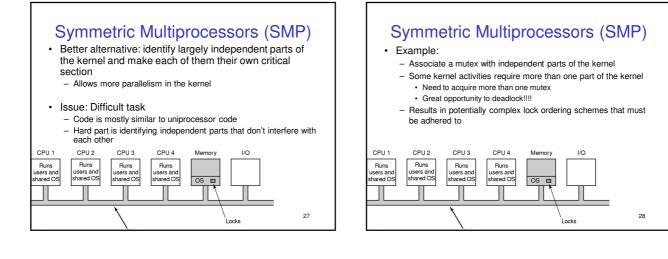


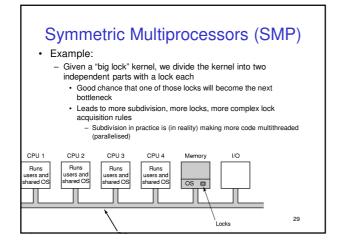


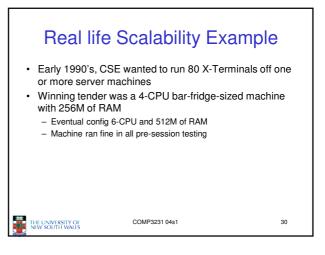


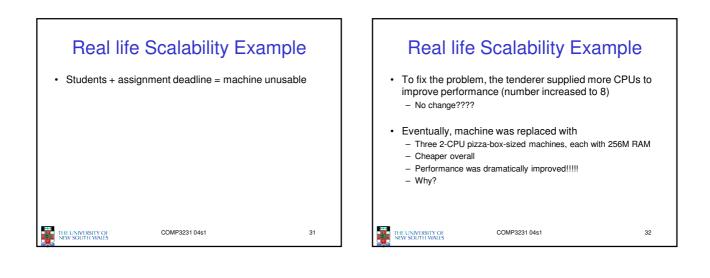


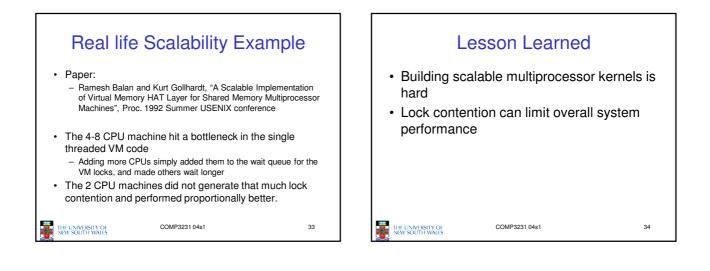


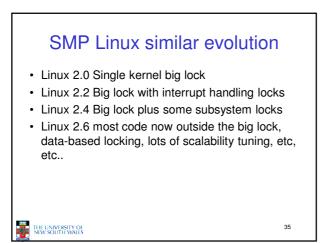


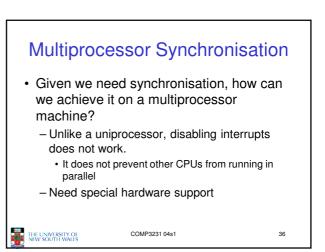


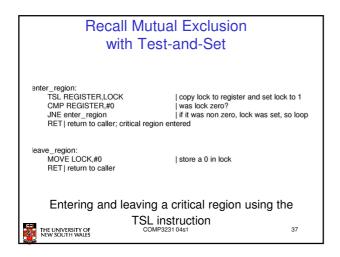


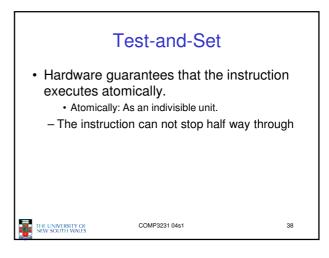


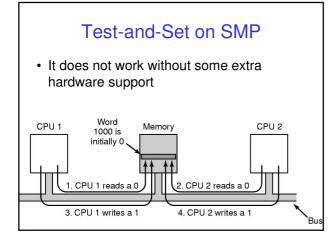




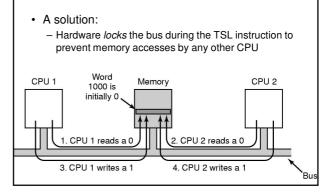


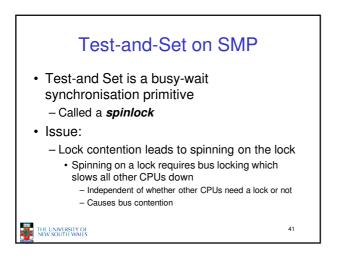


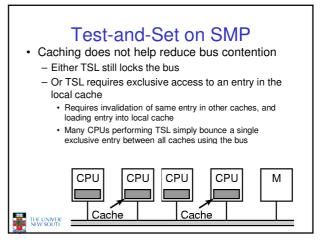


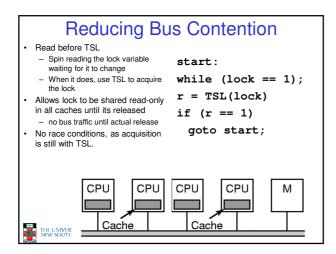


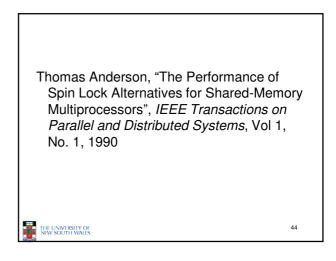
Test-and-Set on SMP

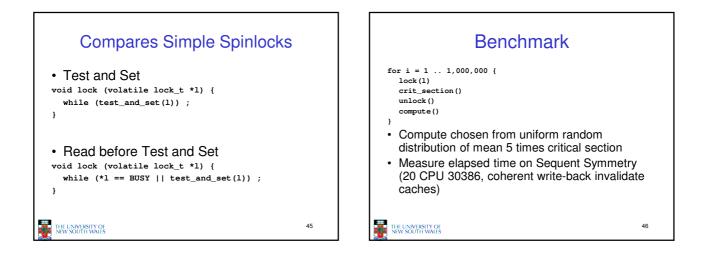


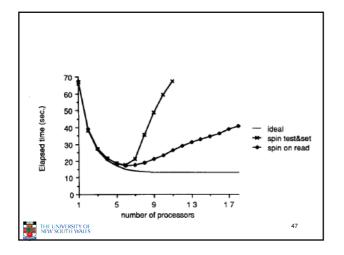


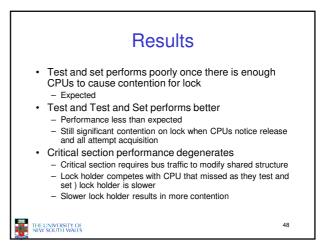






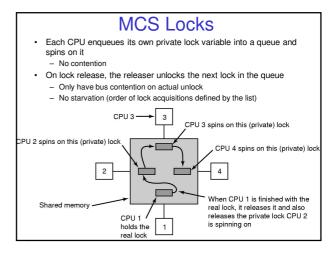


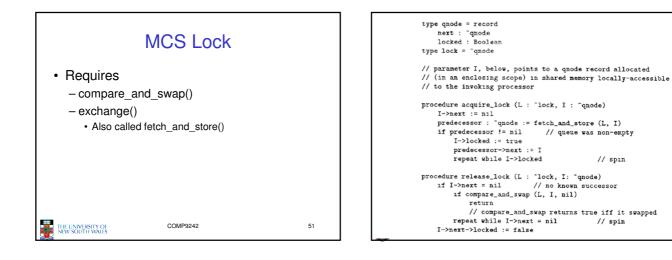




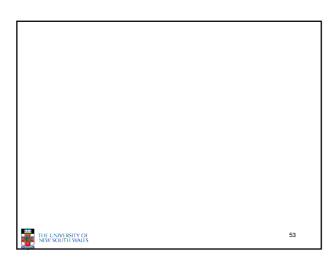
· John Mellor-Crummey and Michael Scott, "Algorithms for Scalable Synchronisation on Shared-Memory Multiprocessors", ACM Transactions on Computer Systems, Vol. 9, No. 1, 1991

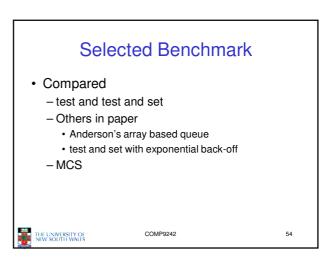
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