Graduate Operating Systems

Fall 2017

Paper “SEDA”
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- “Slashdot Effect”
- “Well-conditioned service”
- Graceful degradation
- Thread-per-request model
- Bounded thread pools
- Structured event queues
- Backpressure, load shedding
- Asynchronous I/O

Paper “Monitors”

- Critical section

- Monitor
Paper “Monitors”

- Condition variables
- Bounded Buffer
- Scheduled Waits
- Readers and Writers