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- One of the most widely used RPC systems
- Developed for use with NFS
- Built on top of UDP or TCP
 - TCP: stream is divided into records
 - UDP: max packet size < 8912 bytes
 - UDP: timeout plus limited number of retransmissions
 - TCP: return error if connection is terminated by server
- Multiple arguments marshaled into a single structure
- At-least-once semantics if reply received, at-least-zero semantics if no reply. With UDP tries at-most-once
- Use SUN's eXternal Data Representation (XDR)
 - Big endian order for 32 bit integers, handle arbitrarily large data structures

Computer Science

CS677: Distributed OS

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