

# CSCI 447 - Birrell1983

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**‘Implementing Remote Procedures Calls’ discusses a new package that provides a remote procedure call facility, and describes its structure, facilities, and metrics such as performance.** *This paper was created to introduce and essentially ‘advertise’ the new RPC facility for the ‘Cedar’ project, which attempts to resolve issues that arise when designing a facility (such as communication failures, address-containing arguments, binding, protocols, data integrity/security, and others).* The research was conducted within the ‘Cedar’ programming environment and the Xerox research network. Their measurements and metrics included varying argument inputs, word array size, and instructions (rewind + unwind.)

The paper tackles implementing RPC into their specific environment, though I think describing the current paradigm of RPC (especially its current implementation) outside of their environment, and why they chose against using pre-existing infrastructure. This way, having a comparison table of other software in contrast to their RPC implementation would allow for a better understanding of both the shortcomings and the improvements made. The paper also references some measurements that aren’t embedded within the article directly (and are instead linked as a bibliography reference). Appending these directly referenced diagrams as an appendix would allow for more convenient reference.