

TO: Professor F. J. Corbató  
R. C. Daley  
Professor J. H. Saltzer

DATE: December 15, 1967

FROM: Robert Rappaport

On December 14, 1967, I ran a test program in order to measure the approximate length of time spent in waking up a process and in going through a "time-out" interrupt.

The results were as follows:

1. A call to wakeup a blocked process took 5.88 milliseconds. This includes the time spent in subroutines wakeup, ready\_him and scheduler.
2. A call to restart an interrupted process took 6.23 milliseconds. This includes the time spent in the process interrupt handler, restart, scheduler, getwork, and swap\_dbr.

RR:fkj