On the Effectiveness of Memory Management System Calls
in
VAX/VMS

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ABSTRACT

Advances in main memory technology did not change the fact of the importance of the program behavior in improving the performance of the virtual memory systems. Automation of program behavior improvement made the solution of the problems of the virtual memory systems more convenient and effective. However, in this solution there were left many cases unsolved and the systems suffered from these problems. This thesis demonstrates the possibility of solving the problems of the virtual memory systems through insertion of directives to the operating system to aid in memory management.