

March 25, 1969

A PAGING EXPERIMENT WITH THE MULTICS SYSTEM

by F. J. Corbató

* Page 7 should include the following footnote at the end of the page.

*(** on line 16, p.7
after "pull")*

** It should be noted that for the "first-time" bit mechanism of the algorithm to be effective, the size of the free block pool should be somewhat larger than the number of processes being multi-programmed; if this is not the case, the process which causes a page fault will probably not have an opportunity to run before the usage bit of the page in question is reset during free block pool replenishment. Under such circumstances the "first-time" bit mechanism can be removed with little effect on the overall algorithm. It is possible that future versions of the Multics algorithm may have the mechanism removed.