

MULTICS PROBLEM REPORT FORM NO:

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Us From: Saltzer.CompSys 10/08/73 1644.9 00029
Pr Saltzer...3-6016... NE43-519
Lc

The copy switch of the storage system does not correctly
\*\* handle the case of an impure procedure with multiple entry
De points. As presently implemented, if an impure procedure has
several entry points, and the segment containing it has several
names corresponding to the entry points, then calls to the
different points result in several different copies being made in
the caller's process directory. The file system is apparently
being tricked by the multiple names on the segment into thinking
that there are multiple segments to be copied.

Correction of this problem, if not a simple bug in some
program, may require placing some cross pointers in the KST, and
keeping the original (master) version of the segment known as
well as the copy, with cross pointers between them.

I have programmed around it for the case I happen to have,
but I can imagine cases for which one cannot program around it.

C Urgency: low
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RESPONSE:
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MPEF Category: Not a system problem ( ) Problem previously corrected ( )
More information needed ( ) Bug-to be fixed ( ) Bug-fix when resources
permit ( ) Documentation problem ( ) Other ( )
Signed Date

Transmitted to: Date: Comments:
Grintell OCT 09 1973