TO: Distribution
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SUBJECT: The DEBG Configuration Card

This document obsoletes MOSN-238.
The following are the current known options that may be used on the DEBG configuration card.

1. MQB

A check in quota to crash the system if a "move_quota" bug is detected.
   (Checks to see if the total quota of a parent and entry is different
   after a move.)

2. DEAC n

A check in deactivate to call syserr with a control argument of n
   if a step is bad after a call to lock. (This used to cause an out-
   of-bounds error invoking the online salvager.)

3. -LW n

A check in pxss for the "loop wait" bug. (It calls syserr with the
   number n specified as a control argument.)

4. CKDV did n

A check in page control for bad reads from the specified device id
   (and those above it). It accomplishes this by storing a pattern in
   core before the read is issued and then checks for that pattern after
   the read. When a misread is detected, a fatal page read error is
signalled and syserr is called with the number specified as n as a control argument.

Example:

DEBG CKDV 2 1

This will check devices 2 and 3 (270's and 170's) and will crash the system when an error is detected.

5. ONC ILC EVEN ODD ACTION

A check is made in parity_fault for every occurrence of an operation-not-complete fault. If the instruction counter, even, and odd instructions as stored in the SCU data match the fields ILC, EVEN, and ODD respectively then syserr is called with number defined as 'action' as an control argument.