Identification

OBTAINING ENTRY USAGE COUNTS
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Purpose

Procedure SURVEY may be called by a user running in a
pseudo-process under 6.36 to obtain a listing of the number
of times each procedure entry in the pseudo-process has
been called.

Discussion

SURVEY begins by printing the execution count table contained
in STGOP_; this table indicates the number of calls to
EPL string routines called via LIB_. SURVEY then scans
all segments of the pseudo-process looking for linkage
segments (names of the form "1k0123"). If more than 1000
segments are present, only the first 1000 are checked.

When it finds a linkage segment, SURVEY prints the name
of the associated text segment and scans the definition
block(s) specified by the linkage header(s) in the linkage
segment. If SURVEY finds a new style entry sequence (cf.
BD.7.01), it prints the value of the usage counter. If
the AOS instruction is not present, SURVEY checks to see
if the link to the entry point in the text segment has
been snapped; if so, it prints the usage as ">0". Master
mode sequences and MASPRC segments are handled correctly.

SURVEY uses procedures DEC, MESSAG, CATSTR_$CATSTRC_,
CONDITION, TDOPE_, REVERSION, VARST_$CLEAR, and LIB_,
hence the counts printed for these entries will include
uses by SURVEY. The values in the STGOP_ execution count
table are copied before any string manipulation is done
by SURVEY - hence their values do not include the current
use of SURVEY.

Usage

SURVEY may be used by the EPL statement

        call survey;

If you have any problems or ideas for improvement, please
contact the author.