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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 "lk0123"). 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.