Identification

print out links in text and link file
PRLNK SAVED
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Purpose

It is often necessary to examine text and link files within
the CTSS environment to determine segment names, external
references, and entry point names. PRLNK SAVED provides
a formatted print-out of these items.

Usage

R PRLNK NAME -ARG- -N-

NAME TEXT and NAME LINK will be examined.
If ARG is present and equals `(FILE)`, ASCII output will be
directed to `NAME PRLNK`. Otherwise, output will be directed
to the console.

N, if present, is interpreted as an octal address within
the linkage section. Only the link pair at that location is
displayed in the format described below. (Note that some
ARG must be present - `(FILE)` or a dummy - if N is used.)

If N is omitted, PRLNK outputs the following information,
covering the entire segment.

1.   segment name

2.   internal names, in the format:

         name value type

where   "type" may be

                df definition (segdef)
                ep entry point
                sy symbol-segment reference
                rt alternate return

3.   external names, in the format:

     address segment_name|symbol+offset

     address is the octal address of the link pair
     in the linkage section

     segment name may be "*", denoting a self reference.

Traps before link or traps before definition cause additional information of the form

    trap call x, arg y

to be output with the trapped entry, where x and y are link-pair addresses.

Notes

PRLNK SAVED may be LINKed to in T234 2962. Comments should be directed to T. van Vleck, MIT X6010. Many verification checks are performed during the operation of PRLNK to insure proper format of the linkage information. Format errors in the linkage information will cause cryptic debugging comments to appear. If format errors occur, preserve the TEXT and LINK files and contact the above-mentioned person for assistance.