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TITLE TT89 - TAPE TRANSFER PDP-8 TO PDP-9

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SOURCE LANGUAGE PAL-D

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TT89 is a program for writing files onto a PDP-9 tape on the PDP-8
When started, the program types the operator prompt characters, '*>', The
operator may then type in a command in the format:

<u>*></u>C U FILENM EXT

Where C is the command character, U is the unit number (an octal digit from
1 to 7 telling which drive the PDP-9 tape is on. 0 is illegal, being the PDP-8
systems device), FILENM is a 6 character (1-6 character) file name, and EXT is
a 1-3 character file extension. In an optional form of the command, the carriage
return (which normally follows the EXT) follows the FILENM, thus defaulting the
extension. The default value for EXT is 'SRC' for SOURCE file A word of
warning, the command format is rigid and must be strictly adhered to or the
program will crash.

At any time, typing 'CNTRL/C' will cause a return to the Disc/DECtape
monitor head (located at 7600 octal), while typing 'CNTRL/P' will restart
the program When typing the command, a 'RUBOUT' will duplicate the action of
a 'CNTRL/P'.

The commands are:

L	Lists the PDP-9 tape directory
N	Creates a new directory on the PDP-9 tape
D	Deletes the specified file from the PDP-9 tape
W	Writes a file onto the tape

Examples:

<u>*></u>L 7

lists the PDP-9 tape directory of the tape on drive 7, prints out the
following:

```
PDP-9 TAPE DIRECTORY
 NAME   EXT START BLOCK

TS8     SRC        1

TOTAL NO  OF FREE PDP-9 BLOCKS IS: 212
```

<u>*></u>N 7

Writes a new pdp-9 directory onto the tape on drive 7.

<u>*></u>D 7 JUNK1 SRC

The file named JUNK1 with extension SRC is deleted from the tape on
drive 7.

*>W 7 TS8

Write a file onto the PDP-9 tape on unit 7, call the file TS8, with extension SRC (defaulted)   The PDP-8 Disc/DECtape monitor command decoder is called in to find the input file:

*IN-S:TS8L
*

The input file is on the PDP-8 systems device with file name TS8L

NOTE: All error conditions cause the program to crash, so be very careful with the syntax of the commands typed in.

The programs start address is 1000 octal   to save on the systems device as a system program do:

_SAVE TT89!0-5577;1000