



DECUS

PROGRAM LIBRARY

DECUS NO.	12-92
TITLE	PDP8T012
AUTHOR	Arnold Gershon
COMPANY	Submitted by: Professor Se Jeung Oh Department of Electrical Engineering City College of New York
DATE	July 5, 1972
SOURCE LANGUAGE	DIAL-V2

PDP8T012 Program

There is a multitude of software available for the PDP-8. Ideally, all of it should be useable on the PDP-12 which contains a PDP-8 mode of operation. The one minor difficulty encountered when attempting to use such software, however, is that in most of it the linefeed character follows each carriage return. In the PDP-12 a linefeed is of special meaning, indicating a forthcoming monitor command. Thus, the PDP-8 material is seemingly useless.

The PDP8T012 program is a short utility program that searches a piece of PDP-8 software and hence makes it usable on a PDP-12. Instructions for use follow:

- 1) Load and start PDP8T012 program
- 2) Turn on paper tape punch
- 3) Load PDP-8 source tape into paper tape reader
- 4) Switch reader to "Start"

The paper tape produced will be acceptable to the PDP-12.

```

0000      *20
0001      /PROGRAM TO CONVERT PDP-8 SOURCE
0002      /TAPES TO BE COMPATIBLE WITH PDP-12
0003      /DIAL
0004
0005
0006      PMODE
0007      *200
0010      0200  6032  KCC
0011      0201  6046  TLS
0012      0202  6031  KSF
0013      0203  5202  JMP  .-1
0014      0204  6036  KRP
0015      0205  6046  TLS
0016      0206  1217  TAD  .+11
0017      0207  7640  SZA  CLA
0020      0210  5202  JMP  .-6
0021      0211  7040  CMA
0022      0212  6041  TSF
0023      0213  5212  JMP  .-1
0024      0214  6046  TLS
0025      0215  7200  CLA
0026      0216  5202  JMP  .-14
0027      0217  7566  -212
0030      /
0031      /
0032      /
0033      /TO USE PROGRAM:
0034      /  LOAD PROGRAM
0035      /  LOAD PDP-8 SOURCE TAPE INTO READER
0036      /  SET READER TO "START" AND PUNCH TO
0037      /  "ON"
0040      /  START PROGRAM AT LOCATION 200
0041      /  PUNCHED TAPE IS ACCEPTABLE TO DIAL

0000  ERRORS

```