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0001 0 ZTITLE 'EDT$TITYPAHD - check for type ahead'
0002 0 MODULE EDT$TITYPAHD ( ! Check for type ahead
0003 0 IDENT = 'V04-000' ! File: TITYPAHD.BLI Edit: JBS1004
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
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0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 Check for type ahead.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: June 9, 1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 18-FEB-1981. This module was created by
0045 1 extracting routine EDT$TI_TSTTYAHD from module TINPUT.
0046 1 1-002 - Regularize headers. JBS 11-Mar-1981
0047 1 1-003 - Revise typeahead logic. JBS 02-Sep-1982
0048 1 1-004 - Improve the appearance of the listing. JBS 17-Jun-1983
0049 1 --
0050 1

```

```
52 0051 1 %SBTTL 'Declarations'  
53 0052 1 :  
54 0053 1 : TABLE OF CONTENTS:  
55 0054 1 :  
56 0055 1 :  
57 0056 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
58 0495 1 :  
59 0496 1 FORWARD ROUTINE  
60 0497 1 EDT$STI_TSTTYAHD;  
61 0498 1 :  
62 0499 1 :  
63 0500 1 : INCLUDE FILES:  
64 0501 1 :  
65 0502 1 :  
66 0503 1 REQUIRE 'EDT$SRC:EDTREQ';  
67 0638 1 :  
68 0639 1 :  
69 0640 1 : MACROS:  
70 0641 1 :  
71 0642 1 : NONE  
72 0643 1 :  
73 0644 1 : EQUATED SYMBOLS:  
74 0645 1 :  
75 0646 1 : NONE  
76 0647 1 :  
77 0648 1 : OWN STORAGE:  
78 0649 1 :  
79 0650 1 : NONE  
80 0651 1 :  
81 0652 1 : EXTERNAL REFERENCES:  
82 0653 1 :  
83 0654 1 : In the routine
```

```
85 0655 1 %SBTTL 'EDT$$TI_TSTTYAHED - check for type ahead'
86 0656 1
87 0657 1 GLOBAL ROUTINE EDT$$TI_TSTTYAHED          ! Check for type ahead
88 0658 1 =
89 0659 1
90 0660 1 !++
91 0661 1 ! FUNCTIONAL DESCRIPTION:
92 0662 1 !
93 0663 1 !     This routine checks to see if a character was typed ahead.  If we
94 0664 1 !     are in recovery mode, always return false.  If the type-ahead counter
95 0665 1 !     is greater than 0, return true, and if not, try to read a type-ahead character
96 0666 1 !     and if it is read, place it in the type-ahead buffer and return true.
97 0667 1
98 0668 1 ! FORMAL PARAMETERS:
99 0669 1 !
100 0670 1 !     NONE
101 0671 1
102 0672 1 ! IMPLICIT INPUTS:
103 0673 1 !
104 0674 1 !     EDT$$G_RCOV_MOD
105 0675 1 !     EDT$$G_RDAHED
106 0676 1
107 0677 1 ! IMPLICIT OUTPUTS:
108 0678 1 !
109 0679 1 !     EDT$$G_RDAHED
110 0680 1 !     EDT$$T_RDAHED
111 0681 1
112 0682 1 ! ROUTINE VALUE:
113 0683 1 !
114 0684 1 !     0 = no type ahead
115 0685 1 !     1 = there was type ahead
116 0686 1
117 0687 1 ! SIDE EFFECTS:
118 0688 1 !
119 0689 1 !     NONE
120 0690 1
121 0691 1 ! --
122 0692 1
123 0693 2 BEGIN
124 0694 2
125 0695 2 EXTERNAL ROUTINE
126 0696 2 EDT$$TI_RDTYAHED;
127 0697 2
128 0698 2 EXTERNAL
129 0699 2 EDT$$G_RCOV_MOD,          ! Recovery mode flag
130 0700 2 EDT$$G_RDAHED,        ! Type ahead counter
131 0701 2 EDT$$T_RDAHED;        ! Text from type-ahead
132 0702 2
133 0703 2 IF .EDT$$G_RCOV_MOD THEN RETURN (0);
134 0704 2
135 0705 2 IF (.EDT$$G_RDAHED GTR 0) THEN RETURN (1);
136 0706 2
137 0707 2 EDT$$G_RDAHED = EDT$$TI_RDTYAHED (EDT$$T_RDAHED);
138 0708 2
139 0709 2 IF (.EDT$$G_RDAHED GTR 0) THEN RETURN (1) ELSE RETURN (0);
140 0710 2
141 0711 1 END;          ! of routine EDT$$TI_TSTTYAHD
```

:

```
0004 00000
52 00000000G 00 9E 00002
1A 00000000G 00 E8 00009
                                62 D5 00010
                                12 14 00012
00000000G 00 9F 00014
00000000G 00 01 FB 0001A
62 50 D0 00021
50 04 15 00024
01 D0 00026 1$:
04 00029
50 D4 0002A 2$:
04 0002C
```

```
.TITLE EDTSTITYPAHD EDTSTITYPAHD - check for type ahea
d
.IDENT \V04-000\
.EXTRN EDT$STI_RDTYAHED
.EXTRN EDT$SG_RCOV MOD
.EXTRN EDT$SG_RDAHED, EDT$ST_RDAHED
.PSECT _EDT$CODE, NOWRT, SHR, PIC, 2
.ENTRY EDT$STI_TSTTYAHED, Save R2 : 0657
MOVAB EDT$SG_RDAHED, R2 :
BLBS EDT$SG_RCOV MOD, 2$ : 0703
TSTL EDT$SG_RDAHED : 0705
BGTR 1$ :
PUSHAB EDT$ST_RDAHED : 0707
CALLS #1, EDT$STI_RDTYAHED :
MOVL R0, EDT$SG_RDAHED :
BLEQ 2$ : 0709
MOVL #1, R0 :
RET :
CLRL R0 : 0711
RET :
```

: Routine Size: 45 bytes, Routine Base: \_EDT\$CODE + 0000

: 142 0712 1  
: 143 0713 1 !<BLF/PAGE>

EDTSTITYPAHD  
V04-000

EDTSTITYPAHD - check for type ahead  
EDTSSI\_TSTIYAHED - check for type ahead

M 11  
16-Sep-1984 01:57:01  
14-Sep-1984 12:24:59

VAX-11 Bliss-32 V4.0-742  
DISK\$VMMASTER:[EDT.SRC]TITYPAHD.BLI;1 (4)

: 145 0714 1 END  
: 146 0715 1  
: 147 0716 0 ELUDOM

. of module EDTSTITYPAHD

PSECT SUMMARY

Name Bytes Attributes  
\_EDTSCODE 45 NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	0	0	40	00:00.2
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:TITYPAHD/OBJ=OBJ\$:TITYPAHD MSRCS:TITYPAHD.BLI/UPDATE=(ENHS:TITYPAHD)

: Size: 45 code + 0 data bytes  
: Run Time: 00:09.4  
: Elapsed Time: 00:11.1  
: Lines/CPU Min: 4560  
: Lexemes/CPU-Min: 12184  
: Memory Used: 56 pages  
: Compilation Complete

A grid of approximately 16 columns and 15 rows of small, faint terminal windows. Each window contains a title and some content, such as:

- SCRUPDATM LIS
- STARTED LIS
- SETCOMMAN LIS
- TIAUTO LIS
- TIDELETE LIS
- TISAVE LIS
- TILINE LIS
- TRACEMAC LIS
- UFBUFFER LIS
- SCRZAPSIN LIS
- SCRUPDATM LIS
- SCRZAPSIN LIS
- TICLRAUD LIS
- TITYPAD LIS
- TSTKEYDEF LIS
- SUPPORTS LIS
- TICRARD LIS
- TIECHO LIS
- TRAROUNAM LIS
- TRANSLATE LIS
- UFSTRING LIS
- SYSVAX LIS
- SCRWID LIS
- TRACELIT LIS
- UCVTCASE LIS

The content within each window is largely illegible due to low contrast and small font, but some fragments of text and graphical elements like bars and tables are visible.