

[illegible]

EXE

Mod

EDT

ED

ED
EDED
EDED
EDED
ED

ED

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ED

ED

ED
EDSYN
LBA

110

```

LL                      IIIIII                      SSSSSSSSS
LL                      IIIIII                      SSSSSSSSS
LL                      II                      SS
LL                      II                      SS
LL                      II                      SS
LL                      II                      SS
LL                      II                      SSSSSS
LL                      II                      SSSSSS
LL                      II                      SS
LL                      II                      SS
LL                      II                      SS
LL                      II                      SS
LLLLLLLLLLLL           IIIIII                      SSSSSSSSS
LLLLLLLLLLLL           IIIIII                      SSSSSSSSS

```



```
0001 0 %TITLE 'EDT$LTYPE - TYPE and null line-mode commands'
0002 0 MODULE EDT$LTYPE ( ! TYPE and null line-mode commands
0003 0 IDENT = 'V04-000' ! File: LTYPE.BLI Edit: SMB1015
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0026 1 *
0027 1 *
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 This module executes the line mode TYPE and null commands.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: February 3, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 30-JAN-1981. This module was created by
0045 1 extracting the routines EDT$$TY_CMD and NULL_COM from the
0046 1 module EXEC.BLI.
0047 1 1-002 - Regularize headers. JBS 20-Mar-1981
0048 1 1-003 - Change NULL_COM to EDT$$NULL_CMD. JBS 30-Mar-1981
0049 1 1-005 - Switch back to first buffer if /STAY. STS 21-Apr-1982
0050 1 1-006 - Add a check for CNTRL/C. SMB 19-May-1982
0051 1 1-007 - Set a flag if control C actually aborts something. JBS 25-May-1982
0052 1 1-008 - Stop working message before printing to screen. SMB 22-Jun-1982
0053 1 1-009 - Stop processing on bad select range. SMB 01-Jul-1982
0054 1 1-010 - Undo yesterday's fix because we want to print current line. SMB 02-Jul-1982
0055 1 1-011 - Don't fool with the formatting routine. JBS 05-Jul-1982
0056 1 1-012 - Make the call to EDT$$RNG NUMCN in line. STS 22-Sep-1982
0057 1 1-013 - Correct a typo in edit 1-012. JBS 30-Sep-1982
```


EDTSLTYPE
V04-000

EDTSLTYPE - TYPE and null line-mode commands

D 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

Page 2
(1)

: 58
: 59
: 60
: 61

0058 1 ! 1-014 - Put code for edt\$\$rng retfrst in line. STS 11-Oct-1982
0059 1 ! 1-015 - Remove setting of G_TXT_ONSCR. SMB 14-Dec-1982
0060 1 !--
0061 1

EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
Declarations

E 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

Page 3
(2)

```
: 63      0062 1 %SBTTL 'Declarations'
: 64      0063 1
: 65      0064 1 : TABLE OF CONTENTS:
: 66      0065 1 :
: 67      0066 1
: 68      0067 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 69      0506 1
: 70      0507 1 FORWARD ROUTINE
: 71      0508 1     EDT$TY_CMD : NOVALUE,
: 72      0509 1     EDT$NUCL_CMD : NOVALUE;
: 73      0510 1
: 74      0511 1 :
: 75      0512 1 : INCLUDE FILES:
: 76      0513 1 :
: 77      0514 1
: 78      0515 1 REQUIRE 'EDTSRC:EDTREQ';
: 79      0650 1
: 80      0651 1 :
: 81      0652 1 : MACROS:
: 82      0653 1 :
: 83      0654 1 :     NONE
: 84      0655 1 :
: 85      0656 1 : EQUATED SYMBOLS:
: 86      0657 1 :
: 87      0658 1 :     NONE
: 88      0659 1 :
: 89      0660 1 : OWN STORAGE:
: 90      0661 1 :
: 91      0662 1 :     NONE
: 92      0663 1 :
: 93      0664 1 : EXTERNAL REFERENCES:
: 94      0665 1 :
: 95      0666 1 :     In the routines
```

```
: Process the TYPE command
: Process the null command
```


EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
EDT\$TY_CMD - TYPE line-mode command

F 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

Page 4
(3)

```

: 97 0667 1 %SBTTL 'EDT$TY_CMD - TYPE line-mode command'
: 98 0668 1
: 99 0669 1 GLOBAL ROUTINE EDT$TY_CMD ! TYPE line-mode command
100 0670 1 : NOVALUE =
101 0671 1
102 0672 1 ++
103 0673 1 FUNCTIONAL DESCRIPTION:
104 0674 1
105 0675 1 Command processing routine for the TYPE command. Position to
106 0676 1 the first line of the range, then loop through the range
107 0677 1 displaying each line. If the /STAY qualifier was used,
108 0678 1 then reposition to the position at the start of the command,
109 0679 1 otherwise, reposition to the first line typed.
110 0680 1
111 0681 1 FORMAL PARAMETERS:
112 0682 1
113 0683 1 NONE
114 0684 1
115 0685 1 IMPLICIT INPUTS:
116 0686 1
117 0687 1 EDT$A_CUR_BUF
118 0688 1 EDT$Z_RNG_ORIGPOS
119 0689 1 EDT$A_EXE_CURCMD
120 0690 1 EDT$G_EXE_SBITS
121 0691 1 EDT$G_RNG_NOOFLN
122 0692 1
123 0693 1 IMPLICIT OUTPUTS:
124 0694 1
125 0695 1 EDT$A_CUR_BUF
126 0696 1 EDT$G_CC_DONE
127 0697 1
128 0698 1 ROUTINE VALUE:
129 0699 1
130 0700 1 NONE
131 0701 1
132 0702 1 SIDE EFFECTS:
133 0703 1
134 0704 1 NONE
135 0705 1
136 0706 1 --
137 0707 1
138 0708 2 BEGIN
139 0709 2
140 0710 2 EXTERNAL ROUTINE
141 0711 2 EDT$$STOP_WKINGMSG, ! Stop the working message
142 0712 2 EDT$CHK_CC, ! Check for CONTROL C typed
143 0713 2 EDT$NXT_LNRNG,
144 0714 2 EDT$RNG_REPOS,
145 0715 2 EDT$RD_CURLN,
146 0716 2 EDT$TY_CURLN;
147 0717 2
148 0718 2 EXTERNAL
149 0719 2 EDT$G_EXT_MOD, ! 1 = we are under the EXT command
150 0720 2 EDT$G_RNG_FRSTLN,
151 0721 2 EDT$A_CUR_BUF : REF TBCB_BLOCK,
152 0722 2 EDT$Z_RNG_ORIGPOS : POS_BLOCK,
153 0723 2 EDT$A_EXE_CURCMD : REF NODE_BLOCK, ! Pointer to the current command.
```


EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
EDT\$TY_CMD - TYPE line-mode command

G 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

Page 5
(3)

```

154      0724      2      EDT$Z_RNG_SAVPOS : POS_BLOCK,
155      0725      2      EDT$G_EXE_SBITS,
156      0726      2      EDT$G_CC_DONE,
157      0727      2      EDT$G_RNG_NOOFLN;
158      0728      2
159      0729      2      LOCAL
160      0730      2      SAV_BUF,
161      0731      2      STATUS;
162      0732      2
163      0733      2      SAV_BUF = .EDT$A_CUR_BUF;
164      0734      2      EDT$G_RNG_FRSTLN = 1;
165      0735      2      EDT$CPY_MEM (POS_SIZE, .EDT$A_CUR_BUF, EDT$Z_RNG_ORIGPOS);
166      0736      2      EDT$RNG_REPOS (.EDT$A_EXE_CURCMD [RANGE1]);
167      0737      2      STATUS = 1;
168      0738      2
169      0739      2      ! Turn off the "working" message if it might be on, since the type
170      0740      2      command doesn't want competition with a flashing message.
171      0741      2
172      0742      2
173      0743      2      IF (.EDT$G_EXT_MOD) THEN EDT$STOP_WKINGMSG ();
174      0744      2
175      0745      2      WHILE .STATUS DO
176      0746      2      BEGIN
177      0747      2      STATUS = EDT$NXT_LNRNG (0);
178      0748      2
179      0749      2      IF .STATUS
180      0750      2      THEN
181      0751      2      BEGIN
182      0752      2      STATUS = ( NOT EDT$CHK_CC ());
183      0753      2
184      0754      2      IF .STATUS THEN EDT$TY_CURLN () ELSE EDT$G_CC_DONE = 1;
185      0755      2
186      0756      2      END;
187      0757      2
188      0758      2      END;
189      0759      2
190      0760      2      IF (.EDT$G_RNG_NOOFLN EQL 0) THEN EDT$TY_CURLN ();
191      0761      2
192      0762      2      IF ( NOT .EDT$G_EXE_SBITS<OPB_STAY>)
193      0763      2      THEN
194      0764      2      BEGIN
195      0765      2      EDT$CPY_MEM (POS_SIZE, EDT$Z_RNG_SAVPOS, .EDT$A_CUR_BUF);
196      0766      2      EDT$RD_CURLN ();
197      0767      2      END
198      0768      2      ELSE
199      0769      2      BEGIN
200      0770      2      EDT$A_CUR_BUF = .SAV_BUF;
201      0771      2      EDT$CPY_MEM (POS_SIZE, EDT$Z_RNG_ORIGPOS, .EDT$A_CUR_BUF);
202      0772      2      EDT$RD_CURLN ();
203      0773      2      END;
204      0774      2
205      0775      2      END;

```

! of routine EDT\$TY_CMD

.TITLE EDT\$TYPE EDT\$TYPE - TYPE and null line-mode c
ommands
.IDENT \V04-000\

			03FC 00000	.EXTRN	EDT\$\$STOP_WKINGMSG	
				.EXTRN	EDT\$\$CHK_CC, EDT\$\$NXT_LNRNG	
				.EXTRN	EDT\$\$RNG_REPOS, EDT\$\$RD_CURLN	
				.EXTRN	EDT\$\$TY_CURLN, EDT\$\$G_EXT_MOD	
				.EXTRN	EDT\$\$G_RNG_FRSTLN	
				.EXTRN	EDT\$\$A_CUR_BUF, EDT\$\$Z_RNG_ORIGPOS	
				.EXTRN	EDT\$\$A_EXE_CURCMD	
				.EXTRN	EDT\$\$Z_RNG_SAVPOS	
				.EXTRN	EDT\$\$G_EXE_SBITS	
				.EXTRN	EDT\$\$G_CC_DONE, EDT\$\$G_RNG_NOOFLN	
				.PSECT	_EDT\$CODE, NOWRT, SHR, PIC, 2	
				.ENTRY	EDT\$TY_CMD, Save R2,R3,R4,R5,R6,R7,R8,R9	: 0669
				MOVAB	EDT\$TY_CURLN, R9	:
				MOVAB	EDT\$\$Z_RNG_ORIGPOS, R8	:
				MOVAB	EDT\$\$A_CUR_BUF, R7	:
				MOVL	EDT\$\$A_CUR_BUF, R0	: 0733
				MOVL	R0, SAV_BUF	:
				MOVL	#1, EDT\$\$G_RNG_FRSTLN	: 0734
				MOVC3	#14, (R0), EDT\$\$Z_RNG_ORIGPOS	: 0735
				MOVL	EDT\$\$A_EXE_CURCMD, R0	: 0736
				PUSHL	4(R0)	:
				CALLS	#1, EDT\$\$RNG_REPOS	:
				MOVL	#1, STATUS	: 0737
				BLBC	EDT\$\$G_EXT_MOD, 1\$	: 0743
				CALLS	#0, EDT\$\$STOP_WKINGMSG	:
				BLBC	STATUS, 3\$	: 0745
				CLRL	-(SP)	: 0747
				CALLS	#1, EDT\$\$NXT_LNRNG	:
				MOVL	R0, STATUS	:
				BLBC	STATUS, 3\$	: 0749
				CALLS	#0, EDT\$\$CHK_CC	: 0752
				MCOML	R0, STATUS	:
				BLBC	STATUS, 2\$	: 0754
				CALLS	#0, EDT\$TY_CURLN	:
				BRB	1\$	:
				MOVL	#1, EDT\$\$G_CC_DONE	:
				BRB	1\$	: 0749
				TSTL	EDT\$\$G_RNG_NOOFLN	: 0760
				BNEQ	4\$	:
				CALLS	#0, EDT\$TY_CURLN	:
				TSTB	EDT\$\$G_EXE_SBITS	: 0762
				BLSS	5\$	:
				MOVL	EDT\$\$A_CUR_BUF, R0	: 0765
				MOVC3	#14, EDT\$\$Z_RNG_SAVPOS, (R0)	:
				BRB	6\$	: 0766
				MOVL	SAV_BUF, EDT\$\$A_CUR_BUF	: 0770
				MOVL	EDT\$\$A_CUR_BUF, R0	: 0771
				MOVC3	#14, EDT\$\$Z_RNG_ORIGPOS, (R0)	:
				CALLS	#0, EDT\$\$RD_CURLN	: 0772
				RET		: 0775

; Routine Size: 169 bytes. Routine Base: _EDT\$CODE + 0000

EDTSLTYPE
V04-000

EDTSLTYPE - TYPE and null line-mode commands
EDTSLTY_CMD - TYPE line-mode command

: 206

0776 1

I 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMMASTER:[EDT.SRC]LTYPE.BLI;1 Page 7
(3)

EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
EDT\$\$NULL_CMD - null line-mode command

J 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

Page 8
(4)

```

208 0777 1 %SBTTL 'EDT$$NULL_CMD - null line-mode command'
209 0778 1
210 0779 1 GLOBAL ROUTINE EDT$$NULL_CMD ! Null line-mode command
211 0780 1 : NOVALUE =
212 0781 1
213 0782 1 !++
214 0783 1 FUNCTIONAL DESCRIPTION:
215 0784 1
216 0785 1 Command processing routine for the null command. If the range is '.'
217 0786 1 then move one line forward and display it. Otherwise, process it as
218 0787 1 a TYPE comand.
219 0788 1
220 0789 1 FORMAL PARAMETERS:
221 0790 1
222 0791 1 NONE
223 0792 1
224 0793 1 IMPLICIT INPUTS:
225 0794 1
226 0795 1 EDT$$A_EXE_CURCMD
227 0796 1
228 0797 1 IMPLICIT OUTPUTS:
229 0798 1
230 0799 1 NONE
231 0800 1
232 0801 1 ROUTINE VALUE:
233 0802 1
234 0803 1 NONE
235 0804 1
236 0805 1 SIDE EFFECTS:
237 0806 1
238 0807 1 NONE
239 0808 1
240 0809 1 !--
241 0810 1
242 0811 2 BEGIN
243 0812 2
244 0813 2 EXTERNAL ROUTINE
245 0814 2 EDT$$RD_NXTLN,
246 0815 2 EDT$$TY_CURLN;
247 0816 2
248 0817 2 EXTERNAL
249 0818 2 EDT$$A_EXE_CURCMD : REF NODE_BLOCK; ! Pointer to the current command.
250 0819 2
251 0820 2 BIND
252 0821 2 RANGE = .EDT$$A_EXE_CURCMD [RANGE1] : NODE_BLOCK;
253 0822 2
254 0823 3 IF (.RANGE [RAN_TYPE] EQL RAN_NULL)
255 0824 3 THEN
256 0825 3 BEGIN
257 0826 3 EDT$$RD_NXTLN ();
258 0827 3 EDT$$TY_CURLN ();
259 0828 3 END
260 0829 3 ELSE
261 0830 3 EDT$$TY_CMD ();
262 0831 3
263 0832 1 END; ! of routine EDT$$NULL_CMD
```


EDT\$TYPE - TYPE and null line-mode commands
EDT\$NULL_CMD - null line-mode command

K 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742 Page 9
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1 (4)

[illegible]

```
; Routine Size: 39 bytes,    Routine Base: _EDT$CODE + 00A9
```

```

: 264      0833 1
: 265      0834 1 !<BLF/PAGE>

```


EDT\$LTYPE
V04-000

EDT\$LTYPE - TYPE and null line-mode commands
EDT\$\$NULL_CMD - null line-mode command

L 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

Page 10
(5)

: 267
: 268
: 269

0835 1 END
0836 1
0837 0 ELUDOM

! of module EDT\$LTYPE

:

:

:

:

PSECT SUMMARY

Name
Bytes
Attributes

_EDT\$CODE
208 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
84
22
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\$:LTYPE/OBJ=OBJ\$:LTYPE MSRC\$:LTYPE.BLI/UPDATE=(ENH\$:LTYPE)

: Size: 208 code + 0 data bytes

: Run Time: 00:14.3

: Elapsed Time: 00:16.9

: Lines/CPU Min: 3504

: Lexemes/CPU-Min: 10325

: Memory Used: 96 pages

: Compilation Complete

0136

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