





```

1 0001 0 XTITLE 'EDT$STARTEDT - set up and call EDT'
2 0002 0 MODULE EDT$STARTEDT ( ! set up and call EDT
3 0003 0 IDENT = 'V04-000', ! File: STARTEDT.BLI Edit: SMB1015
4 0004 0 MAIN = EDT$STARTEDT
5 0005 0 ) =
6 0006 1 BEGIN
7 0007 1
8 0008 1 *****
9 0009 1 *
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28 0028 1 *
29 0029 1 *****
30 0030 1
31 0031 1
32 0032 1 **
33 0033 1 FACILITY: EDT -- The DEC Standard Editor
34 0034 1
35 0035 1 ABSTRACT:
36 0036 1
37 0037 1 set up and call EDT
38 0038 1
39 0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
40 0040 1
41 0041 1 AUTHOR: Shelly T. Scolomon CREATION DATE: November 16, 1981
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 1-001 - Original. STS 16-Nov-1981.
46 0046 1 1-002 - Changed names of all globals to avoid conflicts in linking with
47 0047 1 sharable image. STS 07-Dec-1981
48 0048 1 1-003 - Add command and journal file defaults. STS 16-Dec-1981
49 0049 1 1-004 - If we are tracing, open the terminal before parsing the command,
50 0050 1 for compatibility with old EDT. JBS 17-Dec-1981
51 0051 1 1-005 - Change journal file name to default to input file name. STS 17-Dec-1981
52 0052 1 1-006 - Add B32 conditionals for TRACE code. SMB 21-Dec-1981
53 0053 1 1-007 - Run through PRETTY to remove leading blank line. JBS 22-Dec-1981
54 0054 1 1-008 - Pass address of EDT$FILEIO to main EDT routine. STS 25-Dec-1981
55 0055 1 1-009 - Fix DSCSA_POINTER macro. STS 14-Jan-1982
56 0056 1 1-010 - Pass address of EDT$WORKIO. STS 10-Feb-1982
57 0057 1 1-011 - Use EDT$V_OPTIONS. JBS 24-Mar-1982

```

EDT\$STARTEDT  
V04-000

EDT\$STARTEDT - set up and call EDT

D 4  
16-Sep-1984 01:51:19  
14-Sep-1984 12:24:46

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]STARTEDT.B32;1 Page 2 (1)

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: 58      0058 1 : 1-012 - Simplify the clearing of EDT$SV COPTIONS to avoid the need for
: 59      0059 1 :      BL$PU2 on the PDP-11. JBS 26-Mar-1982
: 60      0060 1 : 1-013 - Make this a VAX specific module. STS 02-Jun-1982
: 61      0061 1 : 1-014 - Add EDT$XLATE. STS 13-Aug-1982
: 62      0062 1 : 1-015 - Simplify for use with new DCL command language interface. SMB 18-Feb-1983
: 63      0063 1 : --
: 64      0064 1 : --
```

ED  
VO

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: 66 0065 1 %SBTTL 'Declarations'
: 67 0066 1 :
: 68 0067 1 : TABLE OF CONTENTS:
: 69 0068 1 :
: 70 0069 1 :
: 71 0070 1 REQUIRE 'EDT$SRC:TRAROUNAM';
: 72 0509 1 :
: 73 0510 1 FORWARD ROUTINE
: 74 0511 1 EDT$$STARTEDT; . Main program for EDT utility
: 75 0512 1 :
: 76 0513 1 :
: 77 0514 1 : INCLUDE FILES:
: 78 0515 1 :
: 79 0516 1 :
: 80 0517 1 REQUIRE 'EDT$SRC:EDTREQ';
: 81 0652 1 :
: 82 0653 1 REQUIRE 'EDT$SRC:SYSSYM';
: 83 0683 1 :
: 84 0684 1 REQUIRE 'TRACESEL';
: 85 0715 1 :
: 86 0716 1 REQUIRE 'EDT$SRC:TRACEMAC';
: 87 0943 1 :
: 88 0944 1 :
: 89 0945 1 : MACROS:
: 90 0946 1 :
: 91 0947 1 :
: 92 0948 1 : EQUATED SYMBOLS:
: 93 0949 1 :
: 94 0950 1 : NONE
: 95 0951 1 :
: 96 0952 1 : OWN STORAGE:
: 97 0953 1 :
: 98 0954 1 : NONE
: 99 0955 1 :
: 100 0956 1 GLOBAL
: 101 0957 1 EDT$$G_CRCOV_MOD,
: 102 0958 1 EDT$$Z_CINP_DESC : BLOCK [8, BYTE], ! Input file string descriptor
: 103 0959 1 EDT$$Z_COUT_DESC : BLOCK [8, BYTE], ! Output file string descriptor
: 104 0960 1 EDT$$Z_CCMD_DESC : BLOCK [8, BYTE], ! Command file string descriptor
: 105 0961 1 EDT$$Z_CJOU_DESC : BLOCK [8, BYTE], ! Journal file string descriptor
: 106 0962 1 EDT$$V_COPTIONS : BITVECTOR [32];
: 107 0963 1 :
: 108 0964 1 :
: 109 0965 1 : EXTERNAL REFERENCES:
: 110 0966 1 :
: 111 0967 1 : In the routine
```

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113 0968 1 %SBTTL 'EDT$STARTEDT - set up and call EDT'
114 0969 1 ROUTINE EDT$STARTEDT          ! set up and call EDT
115 0970 1 =
116 0971 1
117 0972 1 !++
118 0973 1 ! FUNCTIONAL DESCRIPTION:
119 0974 1 !
120 0975 1 !     set up and call EDT
121 0976 1 !
122 0977 1 ! FORMAL PARAMETERS:
123 0978 1 !
124 0979 1 !     NONE
125 0980 1 !
126 0981 1 ! IMPLICIT INPUTS:
127 0982 1 !
128 0983 1 !     none
129 0984 1 !
130 0985 1 ! IMPLICIT OUTPUTS:
131 0986 1 !
132 0987 1 !     NONE
133 0988 1 !
134 0989 1 ! ROUTINE VALUE:
135 0990 1 !
136 0991 1 !     Same as EDT$EDIT
137 0992 1 !
138 0993 1 ! SIDE EFFECTS:
139 0994 1 !
140 0995 1 !     Calls EDT$EDIT and does an edit
141 0996 1 !
142 0997 1 ! --
143 0998 1 !
144 0999 2 BEGIN
145 1000 2
146 1001 2 EXTERNAL ROUTINE
147 1002 2 EDT$EDIT,          ! this is callable EDT entry point
148 1003 2
149 L 1004 2 %IF EDT$STR_ACT
150 U 1005 2 %THEN
151 U 1006 2 EDT$STI_OPN,      ! open terminal and set up trace
152 U 1007 2 %FI
153 1008 2
154 1009 2 EDT$SPA_CMDLN;     ! Parse command line
155 1010 2
156 1011 2 EXTERNAL
157 1012 2 EDT$WORKIO,       ! address of work i/o routine
158 1013 2 EDT$XLATE,       ! address of translation routine
159 1014 2 EDT$FILEIO;     ! address of fileio routine
160 1015 2
161 1016 2 LOCAL
162 1017 2 FILE_ROUT : VECTOR [2],
163 1018 2 XLATE_ROUT : VECTOR [2],
164 1019 2 WORK_ROUT : VECTOR [2],
165 1020 2 CROUTVAL;
166 1021 2
167 L 1022 2 %IF EDT$STR_ACT
168 U 1023 2 %THEN
169 U 1024 2 !+

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: 170 U 1025 2 | If we are tracing (only on VAX-11) open the terminal first, so
: 171 U 1026 2 | the trace file is open and the trace records are in the same
: 172 U 1027 2 | order as in previous configurations of EDT. The initialization
: 173 U 1028 2 | routine will call EDT$$TI_OPN later, but it will execute only once.
: 174 U 1029 2 |
: 175 U 1030 2 | EDT$$TI_OPN ();
: 176 U 1031 2 | %FI
: 177 U 1032 2 |
: 178 U 1033 2 | +
: 179 U 1034 2 | Do some initialization
: 180 U 1035 2 | -
: 181 U 1036 2 | BLOCK [EDT$$V_COPTIONS, 0, 0, 16, 0; 4, BYTE] = 0;
: 182 U 1037 2 | BLOCK [EDT$$V_COPTIONS, 2, 0, 16, 0; 4, BYTE] = 0;
: 183 U 1038 2 | FILE_ROUT [0] = EDT$FILEIO;
: 184 U 1039 2 | FILE_ROUT [1] = 0;
: 185 U 1040 2 | XLATE_ROUT [0] = EDT$XLATE;
: 186 U 1041 2 | XLATE_ROUT [1] = 0;
: 187 U 1042 2 | WORK_ROUT [0] = EDT$WORKIO;
: 188 U 1043 2 | WORK_ROUT [1] = 0;
: 189 U 1044 2 | EDT$$Z_CINP_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;      ! type of descriptor
: 190 U 1045 2 | EDT$$Z_CINP_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;      ! dynamic strings
: 191 U 1046 2 | EDT$$Z_CINP_DESC [DSC$A_POINTER] = 0;
: 192 U 1047 2 | EDT$$Z_CINP_DESC [DSC$W_LENGTH] = 0;
: 193 U 1048 2 | EDT$$Z_COUT_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
: 194 U 1049 2 | EDT$$Z_COUT_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
: 195 U 1050 2 | EDT$$Z_COUT_DESC [DSC$A_POINTER] = 0;
: 196 U 1051 2 | EDT$$Z_COUT_DESC [DSC$W_LENGTH] = 0;
: 197 U 1052 2 | EDT$$Z_CCMD_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
: 198 U 1053 2 | EDT$$Z_CCMD_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
: 199 U 1054 2 | EDT$$Z_CCMD_DESC [DSC$A_POINTER] = 0;
: 200 U 1055 2 | EDT$$Z_CCMD_DESC [DSC$W_LENGTH] = 0;
: 201 U 1056 2 | EDT$$Z_CJOU_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
: 202 U 1057 2 | EDT$$Z_CJOU_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
: 203 U 1058 2 | EDT$$Z_CJOU_DESC [DSC$A_POINTER] = 0;
: 204 U 1059 2 | EDT$$Z_CJOU_DESC [DSC$W_LENGTH] = 0;
: 205 U 1060 2 |
: 206 U 1061 2 | +
: 207 U 1062 2 | Process the command line. And get all this stuff back
: 208 U 1063 2 | -
: 209 U 1064 2 | EDT$$PA_CMDLN ();
: 210 U 1065 2 |
: 211 U 1066 2 | +
: 212 U 1067 2 | We've set up all the preliminaries, now call EDT.
: 213 U 1068 2 | -
: 214 U 1069 2 | RETURN (EDT$EDIT (EDT$$Z_CINP_DESC, EDT$$Z_COUT_DESC, EDT$$Z_CCMD_DESC, EDT$$Z_CJOU_DESC,
: 215 U 1070 2 | EDT$$V_COPTIONS, FILE_ROUT, WORK_ROUT, XLATE_ROUT));
: 216 U 1071 1 | END;                                     ! of routine EDT$STARTEDT

```

.TITLE EDT\$STARTEDT EDT\$STARTEDT - set up and call EDT  
.IDENT \V04-000\

.PSECT \_EDT\$DATA,NOEXE, PIC,2

0000 EDT\$\$G\_CRCOV MOD::  
BLKB 4  
00004 EDT\$\$Z\_CINP\_DESC::

.BLKB 8  
0000C EDT\$\$Z\_COUT\_DESC::  
.BLKB 8  
00014 EDT\$\$Z\_CCMD\_DESC::  
.BLKB 8  
0001C EDT\$\$Z\_CJOU\_DESC::  
.BLKB 8  
00024 EDT\$\$V\_COPTIONS::  
.BLKB 4

.EXTRN EDT\$EDIT, EDT\$\$PA\_CMDLN  
.EXTRN EDT\$WORKIO, EDT\$XCATE  
.EXTRN EDT\$FILEIO

.PSECT \_EDT\$CODE, NOWRT, SHR, PIC, 2

0004 00000 EDT\$\$STARTEDT:

					.WORD	Save R2	0969				
					MOVAB	EDT\$\$Z_CINP_DESC, R2					
					SUBL2	#20, SP					
0C	AE	00000000G	00	9E	0000C	MOVAB	EDT\$FILEIO, FILE_ROUT	1038			
			10	AE	D4	00014	CLRL	FILE_ROUT+4	1039		
04	AE	00000000G	00	9E	00017	MOVAB	EDT\$XLATE, XLATE_ROUT	1040			
			08	AE	D4	0001F	CLRL	XLATE_ROUT+4	1041		
			00000000G	00	9F	00022	PUSHAB	EDT\$WORKIO	1042		
			04	AE	D4	00028	CLRL	WORK_ROUT+4	1043		
			62	020E	0000	8F	D0	0002B	MOVL	#34471936, EDT\$\$Z_CINP_DESC	1047
			04	A2	D4	00032	CLRL	EDT\$\$Z_CINP_DESC+4	1046		
08	A2	020E0000	8F	D0	00035	MOVL	#34471936, EDT\$\$Z_COUT_DESC	1051			
			0C	A2	D4	0003D	CLRL	EDT\$\$Z_COUT_DESC+4	1050		
10	A2	020E0000	8F	D0	00040	MOVL	#34471936, EDT\$\$Z_CCMD_DESC	1055			
			14	A2	D4	00048	CLRL	EDT\$\$Z_CCMD_DESC+4	1054		
1A	A2	020E	8F	B0	0004B	MOVW	#526, EDT\$\$Z_CJOU_DESC+2	1056			
			1C	A2	7C	00051	CLRQ	EDT\$\$Z_CJOU_DESC+4	1058		
			18	A2	B4	00054	CLRW	EDT\$\$Z_CJOU_DESC	1059		
00000000G	00		00	FB	00057	CALLS	#0, EDT\$\$PA_CMDLN	1064			
			08	AE	9F	0005E	PUSHAB	XLATE_ROUT	1069		
			04	AE	9F	00061	PUSHAB	WORK_ROUT			
			18	AE	9F	00064	PUSHAB	FILE_ROUT			
			20	A2	9F	00067	PUSHAB	EDT\$\$V_COPTIONS			
			18	A2	9F	0006A	PUSHAB	EDT\$\$Z_CJOU_DESC			
			10	A2	9F	0006D	PUSHAB	EDT\$\$Z_CCMD_DESC			
			08	A2	9F	00070	PUSHAB	EDT\$\$Z_COUT_DESC			
			52	DD	00073	PUSHL	R2				
00000000G	00		08	FB	00075	CALLS	#8, EDT\$EDIT				
			04	0007C	RET				1071		

: Routine Size: 125 bytes, Routine Base: \_EDT\$CODE + 0000

: 217 1072 1 !<BLF/PAGE>



EDT\$STARTEDT  
V04-000

EDT\$STARTEDT - set up and call EDT  
EDT\$\$STARTEDT - set up and call EDT

1 4  
16-Sep-1984 01:51:19  
14-Sep-1984 12:24:46

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DISK\$VMSMASTER:[EDT.SRC]STARTEDT.B32:1 (4)

: 219 1073 1 END  
: 220 1074 1  
: 221 1075 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
EDT\$DATA	40	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, CON, PIC, ALIGN(2)
EDT\$CODE	125	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
-\$255\$DUA28:[SYSLIB]STARLET.L32:1	9776	6	0	581	00:04.0

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:STARTEDT/OBJ=OBJ\$:STARTEDT MSRC\$:STARTEDT.B32/UPDATE=(ENH\$:STAR  
TEDT)

: Size: 125 code + 40 data bytes  
: Run Time: 00:22.7  
: Elapsed Time: 00:32.1  
: Lines/CPU Min: 2838  
: Lexemes/CPU-Min: 9541  
: Memory Used: 109 pages  
: Compilation Complete

