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CCCCCCCC HH    HH MM    MM EEEEEEEEEE MM    MM EEEEEEEEEE SSSSSSSS SSSSSSSS
CCCCCCCC HH    HH MM    MM EEEEEEEEEE MM    MM EEEEEEEEEE SSSSSSSS SSSSSSSS
CC        HH    HH MMMM  MMMM EE          MMMM  MMMM EE          SS    SS
CC        HH    HH MMMM  MMMM EE          MMMM  MMMM EE          SS    SS
CC        HH    HH MM    MM EE          MM    MM EE          SS    SS
CC        HH    HH MM    MM EE          MM    MM EE          SS    SS
CC        HHHHHHHHHH MM    MM EEEEEEEEE MM    MM EEEEEEEEE SSSSSSS SSSSSSS
CC        HHHHHHHHHH MM    MM EEEEEEEEE MM    MM EEEEEEEEE SSSSSSS SSSSSSS
CC        HH    HH MM    MM EE          MM    MM EE          SS    SS
CC        HH    HH MM    MM EE          MM    MM EE          SS    SS
CC        HH    HH MM    MM EE          MM    MM EE          SS    SS
CC        HH    HH MM    MM EE          MM    MM EE          SS    SS
CCCCCCCC HH    HH MM    MM EEEEEEEEEE MM    MM EEEEEEEEEE SSSSSSSS SSSSSSSS
CCCCCCCC HH    HH MM    MM EEEEEEEEEE MM    MM EEEEEEEEEE SSSSSSSS SSSSSSSS

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LL        IIIIII SSSSSSSS
LL        IIIIII SSSSSSSS
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
LLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS

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0001 0 %TITLE 'EDT$CHMEMESS - Erase the message line'
0002 0 MODULE EDT$CHMEMESS ( ! Erase the message line
0003 0 IDENT = 'V04-000' ! File: CHMEMESS.BLI Edit: JBS1010
0004 C ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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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 erases the message line.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
0045 1 extracting the routine EDT$ERA_MSGLN from module CHANGE.BLI.
0046 1 1-002 - Regularize headers. JBS 27-Feb-1981
0047 1 1-003 - Fix module name. JBS 02-Mar-1981
0048 1 1-004 - Erase both message lines. SMB 21-Jun-1982
0049 1 1-005 - Reset EDT$G_LASTMSG. JBS 05-Jul-1982
0050 1 1-006 - Erase to end of screen instead of two lines separately. SMB 31-Aug-1982
0051 1 1-007 - Move clearing of message flag. SMB 06-Oct-1982
0052 1 1-008 - Restore the cursor after clearing the message line. JBS 09-Oct-1982
0053 1 1-009 - Change the call to erase screen. JBS 23-Oct-1982
0054 1 1-010 - Don't restore the cursor if it has no current location. JBS 17-Jan-1983
0055 1
0056 1

```

EDT\$CHMEMESS
V04-000

EDT\$CHMEMESS - Erase the message line
Declarations

H 1
15-Sep-1984 23:50:48
14-Sep 1984 12:22:27

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

```

: 58      0057 1 %SBTTL 'Declarations'
: 59      0058 1
: 60      0059 1 : TABLE OF CONTENTS:
: 61      0060 1
: 62      0061 1
: 63      0062 1 REQUIRE 'EDT$SRC:TRAROUNAM';
: 64      0501 1
: 65      0502 1 FORWARD ROUTINE
: 66      0503 1     EDT$SERA_MSGLN : NOVALUE;
: 67      0504 1
: 68      0505 1
: 69      0506 1 : INCLUDE FILES:
: 70      0507 1
: 71      0508 1
: 72      0509 1 REQUIRE 'EDT$SRC:EDTREQ';
: 73      0644 1
: 74      0645 1
: 75      0646 1 : MACROS:
: 76      0647 1
: 77      0648 1 :     NONE
: 78      0649 1
: 79      0650 1 : EQUATED SYMBOLS:
: 80      0651 1
: 81      0652 1 :     NONE
: 82      0653 1
: 83      0654 1 : OWN STORAGE:
: 84      0655 1
: 85      0656 1 :     NONE
: 86      0657 1
: 87      0658 1 : EXTERNAL REFERENCES:
: 88      0659 1
: 89      0660 1 :     In the routine
```

! Erase the message line

```

: 91 0661 1 %SBTTL 'EDT$$ERA_MSGLN - erase the message line'
: 92 0662 1
: 93 0663 1 GLOBAL ROUTINE EDT$$ERA_MSGLN ! Erase the message line
: 94 0664 1 : NOVALUE =
: 95 0665 1
: 96 0666 1
: 97 0667 1 +-
: 98 0668 1 FUNCTIONAL DESCRIPTION:
: 99 0669 1 This routine erases the message line if there is currently a message
100 0670 1 on it.
101 0671 1
102 0672 1 FORMAL PARAMETERS:
103 0673 1
104 0674 1 NONE
105 0675 1
106 0676 1 IMPLICIT INPUTS:
107 0677 1
108 0678 1 EDT$$G_MSGFLG
109 0679 1 EDT$$G_TIN_ECHOFLG,
110 0680 1 EDT$$G_TIN_ECHOPOS,
111 0681 1 EDT$$G_MESSAGE_LINE,
112 0682 1
113 0683 1 IMPLICIT OUTPUTS:
114 0684 1
115 0685 1 EDT$$G_MSGFLG
116 0686 1 EDT$$G_TIN_ECHOFLG,
117 0687 1 EDT$$G_TIN_ECHOPOS,
118 0688 1 EDT$$G_LASTMSG
119 0689 1
120 0690 1 ROUTINE VALUE:
121 0691 1
122 0692 1 NONE
123 0693 1
124 0694 1 SIDE EFFECTS:
125 0695 1
126 0696 1 May erase the message line
127 0697 1
128 0698 1 --
129 0699 1
130 0700 2 BEGIN
131 0701 2
132 0702 2 EXTERNAL ROUTINE
133 0703 2 EDT$$SC_POSCSIF, ! Put cursor position in format buffer
134 0704 2 EDT$$SC_ERAALL; ! Erase to end of screen
135 0705 2
136 0706 2 EXTERNAL
137 0707 2 EDT$$G_TIN_ECHOFLG,
138 0708 2 EDT$$G_TIN_ECHOPOS,
139 0709 2 EDT$$G_MESSAGE_LINE, ! The line number for messages
140 0710 2 EDT$$G_MSGFLG, ! Indicates a message has been displayed
141 0711 2 EDT$$G_LASTMSG, ! The last message displayed (1 = none)
142 0712 2 EDT$$G_CUR_COL, ! Current column
143 0713 2 EDT$$G_CS_LNO; ! Current line
144 0714 2
145 0715 2 LOCAL
146 0716 2 OLD_CS_LNO;
147 0717 2

```

```

148 0718 2  | +
149 0719 2  | | Check for message.
150 0720 2  | |
151 0721 2  | |
152 0722 2  | | IF (.EDT$$G_MSGFLG NEQ 0) OR (.EDT$$G_TIN_ECHOFLG)
153 0723 2  | | THEN
154 0724 2  | | BEGIN
155 0725 2  | |
156 0726 2  | | + Reset the message and echo flags.
157 0727 2  | |
158 0728 2  | | EDT$$G_MSGFLG = 0;
159 0729 2  | | EDT$$G_TIN_ECHOPOS = 0;
160 0730 2  | | EDT$$G_TIN_ECHOFLG = 0;
161 0731 2  | | EDT$$G_LASTMSG = 1;
162 0732 2  | |
163 0733 2  | | + Erase the message lines.
164 0734 2  | |
165 0735 2  | | OLD_CS_LNO = .EDT$$G_CS_LNO;
166 0736 2  | | EDT$$G_CS_LNO = .EDT$$G_MESSAGE_LINE;
167 0737 2  | | EDT$$SC_ERAALL ();
168 0738 2  | | EDT$$G_CS_LNO = .OLD_CS_LNO;
169 0739 2  | |
170 0740 2  | | + Restore the cursor.
171 0741 2  | |
172 0742 2  | |
173 0743 2  | | IF (.EDT$$G_CS_LNO GEQ 0) THEN EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, .EDT$$G_CUR_COL);
174 0744 2  | |
175 0745 2  | | END;
176 0746 2  | |
177 0747 1  | | END;

```

! of routine EDT\$\$ERA_MSGLN

.TITLE EDT\$CHMEMESS EDT\$CHMEMESS - Erase the message line

.IDENT \V04-000\

.EXTRN EDT\$\$SC_POSCSIF
.EXTRN EDT\$\$SC_ERAALL, EDT\$\$G_TIN_ECHOFLG
.EXTRN EDT\$\$G_TIN_ECHOPOS
.EXTRN EDT\$\$G_MESSAGE_LINE
.EXTRN EDT\$\$G_MSGFLG, EDT\$\$G_LASTMSG
.EXTRN EDT\$\$G_CUR_COL, EDT\$\$G_CS_LNO

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

		003C 00000	.ENTRY	EDT\$\$ERA_MSGLN, Save R2,R3,R4,R5	: 0663
55	00000000G	00 9E 00002	MOVAB	EDT\$\$G_MSGFLG, R5	:
54	00000000G	00 9E 00009	MOVAB	EDT\$\$G_TIN_ECHOFLG, R4	:
53	00000000G	00 9E 00010	MOVAB	EDT\$\$G_CS_LNO, R3	:
		65 D5 00017	TSTL	EDT\$\$G_MSGFLG	: 0722
		03 12 00019	BNEQ	1\$:
39		64 E9 0001B	BLBC	EDT\$\$G_TIN_ECHOFLG, 2\$:
		65 D4 0001E	CLRL	EDT\$\$G_MSGFLG	: 0728
	00000000G	00 D4 00020	CLRL	EDT\$\$G_TIN_ECHOPOS	: 0729
		64 D4 00026	CLRL	EDT\$\$G_TIN_ECHOFLG	: 0730
00000000G	00	01 D0 00028	MOVL	#1, EDT\$\$G_LASTMSG	: 0731
	52	63 D0 0002F	MOVL	EDT\$\$G_CS_LNO, OLD_CS_LNO	: 0735

EDT\$CHMEMESS
V04-000

EDT\$CHMEMESS - Erase the message line
EDT\$\$ERA_MSGLN - erase the message line

K 1
15-Sep-1984 23:50:48
14-Sep-1984 12:22:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]CHMEMESS.BLI;1 Page 5
(3)

00000000G	63	00000000G	00	D0	00032	MOVL	EDT\$\$G_MESSAGE_LINE, EDT\$\$G_CS_LNO	:	0736
	00		00	FB	00039	CALLS	#0, EDT\$\$SC_ERAALL	:	0737
	63		52	D0	00040	MOVL	OLD_CS_LNO, EDT\$\$G_CS_LNO	:	0738
	50		63	D0	00043	MOVL	EDT\$\$G_CS_LNO, R0	:	0743
		00000000G	00	OF	19 00046	BLSS	2\$:	
			00	DD	00048	PUSHL	EDT\$\$G_CUR_COL	:	
			50	DD	0004E	PUSHL	R0	:	
00000000G	00		02	FB	00050	CALLS	#2, EDT\$\$SC_POSCSIF	:	
			04	00057	2\$:	RET		:	0747

: Routine Size: 88 bytes, Routine Base: _EDT\$CODE + 0000

: 178 0748 1
: 179 0749 1 !<BLF/PAGE>

ED
VO

EDT\$CHMEMESS
V04-000

EDT\$CHMEMESS - Erase the message line
EDT\$\$ERA_MSGLN - erase the message line

1
15-Sep-1984 23:50:48
14-Sep-1984 12:22:27

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

ED
VO

: 181 0750 1 END
: 182 0751 1
: 183 0752 0 ELUDOM

! of module EDT\$CHMEMESS

PSECT SUMMARY

Name Bytes Attributes
_EDT\$CODE 88 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\$:CHMEMESS/OBJ=OBJ\$:CHMEMESS MSRC\$:CHMEMESS.BLI/UPDATE=(ENH\$:CHMEMESS)

: Size: 88 code + 0 data bytes
: Run Time: 00:11.1
: Elapsed Time: 00:30.6
: Lines/CPU Min: 4072
: Lexemes/CPU-Min: 10586
: Memory Used: 63 pages
: Compilation Complete

CHMFINENT LIS	CHMINIT LIS
CHMGOUNT LIS	CHMGINSTR LIS
CHMGSUSTR LIS	CHMINSMOD LIS
CHMEMESS LIS	CHMINSTAB LIS
CHMENTRM LIS	CHMINSCHR LIS
CHMEXVERB LIS	CHMINDATE LIS
CHMFINSTR LIS	CHMGDTR LIS
CHMGQSTR LIS	CHMLPKPD LIS
CHMINSSTR LIS	CHMKEYWRD LIS
CHMENDWRD LIS	CHMEXCOM LIS