


```

1 0001 0 %TITLE 'EDT$FPUTMES - format and print a message'
2 0002 0 MODULE EDT$FPUTMES ( ! Format and print a message
3 0003 0 IDENT = 'V04-000' ! File: FPUTMES.BLI Edit: JBS1011
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: EDT -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 Format and print a message.
37 0037 1
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: March 18, 1979
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 19-FEB-1981. This module was created by
45 0045 1 extracting routine EDT$$FMT MSG from module FORMAT.
46 0046 1 1-002 - Regularize headers. JBS 05-Mar-1981
47 0047 1 1-003 - Add some modifications for EXT mode. SMB 23-Jun-1982
48 0048 1 1-004 - Add reverse video for EXT mode. SMB 02-Jul-1982
49 0049 1 1-005 - Use EDT$$FMT_CRLF instead of EDT$$OUT_FMTBUF. JBS 05-Jul-1982
50 0050 1 1-006 - Give a bell and reverse video if we're in change mode. SMB 22-Jul-1982
51 0051 1 1-007 - Remember the last message for change mode only if we are reading
52 0052 1 the startup file. JBS 23-Jul-1982
53 0053 1 1-008 - Set some other flags if we're in change mode. SMB 28-Jul-1982
54 0054 1 1-009 - Remove setting EDT$$G_MSGFLG; done in EDT$$FMT_CRLF. JBS 06-Oct-1982
55 0055 1 1-010 - Check for a hardcopy terminal before positioning cursor. STS 14-Dec-1983
56 0056 1 1-011 - Improve the appearance of the listing. JBS 14-Jun-1983
57 0057 1 --

```

EDT\$FPUTMES
V04-000

EDT\$FPUTMES - format and print a message

E 5
16-Sep-1984 00:29:09
14-Sep-1984 12:23:12

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

: 58

0058 1

.....

```
: 60      0059 1 %SBTTL 'Declarations'  
: 61      0060 1  
: 62      0061 1 | TABLE OF CONTENTS:  
: 63      0062 1 |  
: 64      0063 1 |  
: 65      0064 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
: 66      0503 1  
: 67      0504 1 FORWARD ROUTINE  
: 68      0505 1     EDT$FMT_MSG : NOVALUE;  
: 69      0506 1  
: 70      0507 1 |  
: 71      0508 1 | INCLUDE FILES:  
: 72      0509 1 |  
: 73      0510 1 |  
: 74      0511 1 REQUIRE 'EDT$SRC:EDTREQ';  
: 75      0646 1  
: 76      0647 1 |  
: 77      0648 1 | MACROS:  
: 78      0649 1 |  
: 79      0650 1 |     NONE  
: 80      0651 1 |  
: 81      0652 1 | EQUATED SYMBOLS:  
: 82      0653 1 |  
: 83      0654 1 |     NONE  
: 84      0655 1 |  
: 85      0656 1 | OWN STORAGE:  
: 86      0657 1 |  
: 87      0658 1 |     NONE  
: 88      0659 1 |  
: 89      0660 1 | EXTERNAL REFERENCES:  
: 90      0661 1 |  
: 91      0662 1 |     In the routine
```

```

: 93 0663 1 %SBTTL 'EDT$$FMT_MSG - format and print a message'
: 94 0664 1
: 95 0665 1 GLOBAL ROUTINE EDT$$FMT_MSG (           ! Format and print a message
: 96 0666 1     MESS_NUM                           ! Message number
: 97 0667 1     ) : NOVALUE =
: 98 0668 1
: 99 0669 1 !++
100 0670 1 !FUNCTIONAL DESCRIPTION:
101 0671 1
102 0672 1     Routine to get text of a message and write it out.
103 0673 1
104 0674 1 !FORMAL PARAMETERS:
105 0675 1
106 0676 1     MESS_NUM           The number of the error message to write.
107 0677 1
108 0678 1 !IMPLICIT INPUTS:
109 0679 1
110 0680 1     EDT$$G_EDIT_MOD
111 0681 1     EDT$$G_QUIET
112 0682 1     EDT$$G_EXT_MOD
113 0683 1     EDT$$G_INP_SRC
114 0684 1
115 0685 1 !IMPLICIT OUTPUTS:
116 0686 1
117 0687 1     EDT$$G_LASTMSG
118 0688 1
119 0689 1 !ROUTINE VALUE:
120 0690 1
121 0691 1     NONE
122 0692 1
123 0693 1 !SIDE EFFECTS:
124 0694 1
125 0695 1     Calls EDT$$FMT_CRLF
126 0696 1
127 0697 1 !--
128 0698 1
129 0699 2     BEGIN
130 0700 2
131 0701 2     EXTERNAL ROUTINE
132 0702 2     EDT$$SC_POSCSIF,
133 0703 2     EDT$$SC_REVID,
134 0704 2     EDT$$SC_NONREVID,
135 0705 2     EDT$$STOP_WKINGMSG,
136 0706 2     EDT$$FMT_CIT,
137 0707 2     EDT$$FMT_CRLF,           ! Terminate an output line
138 0708 2     EDT$$MSG_TOSTR;
139 0709 2
140 0710 2     EXTERNAL
141 0711 2     EDT$$G_TI_TYP,           ! type of terminal
142 0712 2     EDT$$G_MESSAGE_LINE,   ! Change mode message line
143 0713 2     EDT$$G_EDIT_MOD,       ! Current editing mode
144 0714 2     EDT$$G_LASTMSG,       ! The last message displayed
145 0715 2     EDT$$G_QUIET,         ! Are we in quiet mode
146 0716 2     EDT$$G_EXT_MOD,       ! Are we in EXT mode
147 0717 2     EDT$$G_INP_SRC;       ! What is the input source?
148 0718 2
149 0719 2 !+
```

```

: 150      0720      2  ! If we're in EXT mode, then we're assuming that we got an error here
: 151      0721      2  ! and that we want to give a bell.
: 152      0722      2  !-
: 153      0723      2  EDT$$STOP_WKINGMSG ();
: 154      0724      2  !-
: 155      0725      2  IF ((.EDT$$G_EXT_MOD) OR (.EDT$$G_EDIT_MOD EQL CHANGE_MODE))
: 156      0726      2  THEN
: 157      0727      2  BEGIN
: 158      0728      2  !-
: 159      0729      2  IF (.EDT$$G_TI_TYP NEQ TERM_HCPY)
: 160      0730      2  THEN
: 161      0731      2  BEGIN
: 162      0732      2  EDT$$SC_POSCSIF (.EDT$$G_MESSAGE_LINE + 1, 0);
: 163      0733      2  EDT$$SC_REVID ();
: 164      0734      2  END;
: 165      0735      2  !-
: 166      0736      2  IF ( NOT .EDT$$G_QUIET) THEN EDT$$FMT_LIT (UPLIT (7), 1);
: 167      0737      2  !-
: 168      0738      2  END;
: 169      0739      2  !-
: 170      0740      2  !+
: 171      0741      2  ! Save the message number in case it needs to be redisplayed on entering
: 172      0742      2  ! change mode.
: 173      0743      2  !-
: 174      0744      2  !-
: 175      0745      2  IF (.EDT$$G_INP_SRC EQL INP_COMMAND) THEN EDT$$G_LASTMSG = .MESS_NUM;
: 176      0746      2  !-
: 177      0747      2  EDT$$MSG_TOSTR (.MESS_NUM);
: 178      0748      2  EDT$$FMT_CRLF ();
: 179      0749      2  !-
: 180      0750      2  IF (.EDT$$G_TI_TYP EQL TERM_VT100) THEN EDT$$SC_NONREVID ();
: 181      0751      2  !-
: 182      0752      1  END;

```

! of routine EDT\$\$FMT_MSG

```

.TITLE EDT$FPUTMES EDT$FPUTMES - format and print a message
.IDENT \V04-000\
.PSECT _EDT$CODE,NOWRT, SHR, PIC,2
00000007 00000 P.AAA: .LONG 7
;
.EXTRN EDT$$SC_POSCSIF
.EXTRN EDT$$SC_REVID, EDT$$SC_NONREVID
.EXTRN EDT$$STOP_WKINGMSG
.EXTRN EDT$$FMT_LIT, EDT$$FMT_CRLF
.EXTRN EDT$$MSG_TOSTR, EDT$$G_TI_TYP
.EXTRN EDT$$G_MESSAGE_LINE
.EXTRN EDT$$G_EDIT_MOD
.EXTRN EDT$$G_LASTMSG, EDT$$G_QUIET
.EXTRN EDT$$G_EXT_MOD, EDT$$G_INP_SRC

```

```

00000000G 52 00000000G 00 0004 0000
00 00 9E 00002
00 00 FB 00009
08 00000000G 00 08 E8 00010

```

```

.ENTRY EDT$$FMT_MSG, Save R2 : 0665
MOVAB EDT$$G_TI_TYP, R2 : 0723
CALLS #0, EDT$$STOP_WKINGMSG : 0725
BLBS EDT$$G_EXT_MOD, 1$

```

		00000000G	00	D5	00017	TSTL	EDT\$\$G_EDIT_MOD	:			
			30	12	0001D	BNEQ	3\$:			
	03		62	D1	0001F	1\$:	CMPL	EDT\$\$G_TI_TYP, #3	0729		
			18	13	00022	BEQL	2\$:			
			7E	D4	00024	CLRL	-(SP)	:	0732		
7E	00000000G	00	01	C1	00026	ADDL3	#1, EDT\$\$G_MESSAGE_LINE, -(SP)	:			
	00000000G	00	02	FB	0002E	CALLS	#2, EDT\$\$SC_POSCSIF	:			
	00000000G	00	00	FB	00035	CALLS	#0, EDT\$\$SC_REVID	:	0733		
		0C	00000000G	00	E8	0003C	2\$:	BLBS	EDT\$\$G_QUIET, 3\$	0736	
				01	DD	00043	PUSHL	#1	:		
			B4	AF	9F	00045	PUSHAB	P.AAA	:		
	00000000G	00	02	FB	00048	CALLS	#2, EDT\$\$FMT_LIT	:			
			02	00000000G	00	D1	0004F	3\$:	CMPL	EDT\$\$G_INP_SRC, #2	0745
			08	12	00056	BNEQ	4\$:			
	00000000G	00	04	AC	D0	00058	MOVL	MESS_NUM, EDT\$\$G_LASTMSG	:		
			04	AC	DD	00060	4\$:	PUSHL	MESS_NUM	0747	
	00000000G	00	01	FB	00063	CALLS	#1, EDT\$\$MSG_TOSTR	:			
	00000000G	00	00	FB	0006A	CALLS	#0, EDT\$\$FMT_CRLF	:	0748		
			02	62	D1	00071	CMPL	EDT\$\$G_TI_TYP, #2	0750		
			07	12	00074	BNEQ	5\$:			
	00000000G	00	00	FB	00076	CALLS	#0, EDT\$\$SC_NONREVID	:			
			04	0007D	5\$:	RET		:	0752		

; Routine Size: 126 bytes, Routine Base: _EDT\$CODE + 0004

; 183 0753 1
; 184 0754 1 !<BLF/PAGE>

EDT\$FPUTMES
V04-000

EDT\$FPUTMES - format and print a message
EDT\$\$FMT_MSG - format and print a message

J 5
16-Sep-1984 00:29:09
14-Sep-1984 12:23:12

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]FPUTMES.BLI;1 Page 7 (4)

: 186
: 187
: 188

0755 1 END
0756 1
0757 0 ELUDOM

! of module EDT\$FPUTMES

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	130	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	4	1	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\$:FPUTMES/OBJ=OBJ\$:FPUTMES MSRC\$:FPUTMES.BLI/UPDATE=(ENH\$:FPUTMES)

: Size: 126 code + 4 data bytes
: Run Time: 00:11.2
: Elapsed Time: 00:13.6
: Lines/CPU Min: 4048
: Lexemes/CPU-Min: 10818
: Memory Used: 70 pages
: Compilation Complete

**FI

