



```
UU      UU  FFFFFFFF  BBBB BBBB  UU      UU  FFFFFFFF  FFFFFFFF  EEEEEEEEEE  RRRRRRRR
UU      UU  FFFFFFFF  BBBB BBBB  UU      UU  FFFFFFFF  FFFFFFFF  EEEEEEEEEE  RRRRRRRR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FFFFFFFF  BBBB BBBB  UU      UU  FFFFFFFF  FFFFFFFF  EEEEEEEEEE  RRRRRRRR
UU      UU  FFFFFFFF  BBBB BBBB  UU      UU  FFFFFFFF  FFFFFFFF  EEEEEEEEEE  RRRRRRRR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UU      UU  FF          BB      BB  UU      UU  FF          FF          EEEEEEEEEE  RR      RR
UUUUUUUU  FF          BBBB BBBB  UUUUUUUU  FF          FF          EEEEEEEEEE  RR      RR
UUUUUUUU  FF          BBBB BBBB  UUUUUUUU  FF          FF          EEEEEEEEEE  RR      RR
```

```
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
LLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLL  IIIIII  SSSSSSSS
```



```

1 0001 0 %TITLE 'EDT$UFBUFFER - find a buffer'
2 0002 0 MODULE EDT$UFBUFFER ( ! Find a buffer
3 0003 0 IDENT = 'V04-000' ! File: UFBUFFER.BLI Edit: JBS1005
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 Find a buffer, given its name. A buffer is created if necessary.
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: February 7, 1978
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$$FND_BUF from module UTIL.
46 0046 1 1-002 - Regularized headers. JBS 25-Feb-1981
47 0047 1 1-003 - Fix module name. JBS 11-Mar-1981
48 0048 1 1-004 - Initialize more of the tbcB. STS 10-Mar-1982
49 0049 1 1-005 - Improve the appearance of the listing. JBS 17-Jun-1983
50 0050 1 --
51 0051 1

```

EDT\$UFBUFFER  
V04-000

EDT\$UFBUFFER - find a buffer  
Declarations

G 16  
16-Sep-1984 01:59:18  
14-Sep-1984 12:25:13

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

```

: 53      0052 1 %SBTTL 'Declarations'
: 54      0053 1
: 55      0054 1  TABLE OF CONTENTS:
: 56      0055 1
: 57      0056 1
: 58      0057 1  REQUIRE 'EDT$SRC:TRAROUNAM';
: 59      0496 1
: 60      0497 1  FORWARD ROUTINE
: 61      0498 1  EDT$FND_BUF;
: 62      0499 1
: 63      0500 1
: 64      0501 1  INCLUDE FILES:
: 65      0502 1
: 66      0503 1
: 67      0504 1  REQUIRE 'EDT$SRC:EDTREQ';
: 68      0639 1
: 69      0640 1
: 70      0641 1  MACROS:
: 71      0642 1
: 72      0643 1  NONE
: 73      0644 1
: 74      0645 1  EQUATED SYMBOLS:
: 75      0646 1
: 76      0647 1  NONE
: 77      0648 1
: 78      0649 1  OWN STORAGE:
: 79      0650 1
: 80      0651 1  NONE
: 81      0652 1
: 82      0653 1  EXTERNAL REFERENCES:
: 83      0654 1
: 84      0655 1  In the routine
```



```

: 86      0656 1 %SBTTL 'EDTSSFND_BUF - find a buffer'
: 87      0657 1
: 88      0658 1 GLOBAL ROUTINE EDTSSFND_BUF (           ! Find a buffer
: 89      0659 1     NAME,                               ! pointer to the buffer name
: 90      0660 1     LEN                                 ! length of that name
: 91      0661 1     ) =
: 92      0662 1
: 93      0663 1 !++
: 94      0664 1 ! FUNCTIONAL DESCRIPTION:
: 95      0665 1
: 96      0666 1     This routine searches for a buffer with a specified name and positions
: 97      0667 1     into it. If a buffer by that name does not exist, then it is created.
: 98      0668 1     The global variable EDTSSA_PRV_BUF is set to point to the TBCB
: 99      0669 1     of the buffer we were originally positioned in.
100     0670 1
101     0671 1 FORMAL PARAMETERS:
102     0672 1
103     0673 1     NAME           Pointer to a string containing the name of the buffer.
104     0674 1
105     0675 1     LEN           Length of the name string.
106     0676 1
107     0677 1 IMPLICIT INPUTS:
108     0678 1
109     0679 1     EDTSSA_CUR_BUF
110     0680 1
111     0681 1 IMPLICIT OUTPUTS:
112     0682 1
113     0683 1     EDTSSA_CUR_BUF
114     0684 1     EDTSSA_PRV_BUF
115     0685 1
116     0686 1 ROUTINE VALUE
117     0687 1
118     0688 1     Returns 1 if the buffer was found or created, 0 if an attempt to create a
119     0689 1     new buffer failed.
120     0690 1
121     0691 1 SIDE EFFECTS:
122     0692 1
123     0693 1     May create a new buffer.
124     0694 1
125     0695 1 --
126     0696 1
127     0697 2 BEGIN
128     0698 2
129     0699 2 EXTERNAL ROUTINE
130     0700 2     EDTSSGET_BUFPTR,
131     0701 2     EDTSSNEW_BUF;
132     0702 2
133     0703 2 EXTERNAL
134     0704 2     EDTSSL_LNO_ZERO : LN_BLOCK,
135     0705 2     EDTSSA_CUR_BUF : REF TBCB_BLOCK,           ! Pointer to current buffer TBCB
136     0706 2     EDTSSA_PRV_BUF : REF TBCB_BLOCK;         ! Pointer to previous buffer TBCB
137     0707 2
138     0708 2 LOCAL
139     0709 2     BUF_ADDR : REF TBCB_BLOCK,
140     0710 2     NEW;
141     0711 2
142     0712 2 !+
```

```

: 143 0713 2 ! Look for the buffer.
: 144 0714 2 !-
: 145 0715 2 !-
: 146 0716 2 IF EDT$$GET_BUF_PTR (.NAME, .LEN, BUF_ADDR, NEW)
: 147 0717 2 THEN
: 148 0718 2 BEGIN
: 149 0719 2 !+
: 150 0720 2 ! Position to the new buffer.
: 151 0721 2 !-
: 152 0722 2 EDT$$A_CUR_BUF = .EDT$$A_CUR_BUF;
: 153 0723 2 EDT$$A_CUR_BUF = .BUF_ADDR;
: 154 0724 2 !+
: 155 0725 2 ! If the buffer was new, then open it up.
: 156 0726 2 !-
: 157 0727 2 !-
: 158 0728 2 IF (.NEW NEQ 0)
: 159 0729 2 THEN
: 160 0730 2 BEGIN
: 161 0731 2 BUF_ADDR [TBCB_INPUT_RAB] = 0;
: 162 0732 2 MOVE LINE (EDT$$L_LNO_ZERO, BUF_ADDR [TBCB_LINE_COUNT]);
: 163 0733 2 EDT$$NEW_BUF ();
: 164 0734 2 END;
: 165 0735 2 !-
: 166 0736 2 RETURN (1);
: 167 0737 2 END
: 168 0738 2 ELSE
: 169 0739 2 RETURN (0);
: 170 0740 2 !-
: 171 0741 2 END;

```

! of routine EDTSSFND\_BUF

.TITLE EDTSUFBUFFER EDTSUFBUFFER - find a buffer  
.IDENT \V04-000\

.EXTRN EDT\$\$GET\_BUF\_PTR  
.EXTRN EDT\$\$NEW\_BUF, EDT\$\$L\_LNO\_ZERO  
.EXTRN EDT\$\$A\_CUR\_BUF, EDT\$\$A\_CUR\_BUF

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

.ENTRY EDTSSFND\_BUF, Save R2, R3, R4, R5, R6

56	00000000G	00	9E	00002	MOVAB	EDT\$\$A_CUR_BUF, R6	: 0658
5E		08	C2	00009	SUBL2	#8, SP	
		5E	DD	0000C	PUSHL	SP	: 0716
		08	AE	9F	PUSHAB	BUF_ADDR	
	7E	04	AC	7D	MOVQ	NAME, -(SP)	
	00000000G	00	04	FB	CALLS	#4, EDT\$\$GET_BUF_PTR	
		29	50	E9	BLBC	R0, 2\$	
	00000000G	00	66	D0	MOVL	EDT\$\$A_CUR_BUF, EDT\$\$A_CUR_BUF	: 0722
		50	04	AE	MOVL	BUF_ADDR, R0	: 0723
		66	50	D0	MOVL	R0, EDT\$\$A_CUR_BUF	
			6E	D5	TSTL	NEW	: 0728
			13	13	BEQL	1\$	
			2A	A0	CLRB	42(R0)	: 0731
18	A0	00	06	28	MOVC3	#6, EDT\$\$L_LNO_ZERO, 24(R0)	: 0732
		00	00	FB	CALLS	#0, EDT\$\$NEW_BUF	: 0733
		50	01	D0	MOVL	#1, R0	: 0739



EDTSUFBUFFER  
V04-000

EDTSUFBUFFER - find a buffer  
EDTSSFND\_BUF - find a buffer

J 16  
16-Sep-1984 01:59:18  
14-Sep-1984 12:25:13

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

50 04 00047 RET  
04 00048 2\$: CLRL R0  
04 0004A RET

:  
:  
: 0741

: Routine Size: 75 bytes, Routine Base: \_EDT\$CODE + 0000

: 172 0742 1  
: 173 0743 1 !<BLF/PAGE>

EDTSUFBUFFER  
V04-000

EDTSUFBUFFER - find a buffer  
EDTSSFND\_BUF - find a buffer

K 16  
16-Sep-1984 01:59:18  
14-Sep-1984 12:25:13

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

Page 6

: 175 0744 1 END  
: 176 0745 1  
: 177 0746 0 ELUDOM

! of module EDTSUFBUFFER

PSECT SUMMARY

Name Bytes Attributes  
\_EDT\$CODE 75 MOVEC,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	30	7	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\$:UFBUFFER/OBJ=OBJ\$:UFBUFFER MSRC\$:UFBUFFER.BLI/UPDATE=(ENH\$:UFBU  
FFER)

: Size: 75 code + 0 data bytes  
: Run Time: 00:10.6  
: Elapsed Time: 00:14.4  
: Lines/CPU Min: 4206  
: Lexemes/CPU-Min: 11808  
: Memory Used: 70 pages  
: Compilation Complete



0140 AH-BT13A-SE  
VAX/VMS V4.0

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