


```

1 0001 0 %TITLE 'EDT$SCRNCOL - compute new column position'
2 0002 0 MODULE EDT$SCRNCOL ( ! Compute new column position
3 0003 0 IDENT = 'V04-000' ! File: SCRNCOL.BLI Edit: JBS1003
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
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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 This module computes a new column position for vertical moves.
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: September 8, 1979
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 12-Feb-1981. This module was created by
45 0045 1 extracting the routine EDT$$$C CPUNEWCOLPOS from module SCREEN.
46 0046 1 1-002 - Regularize headers. JBS 13-Mar-1981
47 0047 1 1-003 - Avoid using the screen data base, since the current line may not
48 0048 1 be on the screen. JBS 10-Sep-1982
49 0049 1 --
50 0050 1

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: 52 0051 1 %SBTTL 'Declarations'
: 53 0052 1
: 54 0053 1 | TABLE OF CONTENTS:
: 55 0054 1 |
: 56 0055 1
: 57 0056 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 58 0495 1
: 59 0496 1 FORWARD ROUTINE
: 60 0497 1     EDT$SC_CPUNEWCOLPOS : NOVALUE;
: 61 0498 1
: 62 0499 1 |
: 63 0500 1 | INCLUDE FILES:
: 64 0501 1 |
: 65 0502 1
: 66 0503 1 REQUIRE 'EDTSRC:EDTREQ';
: 67 0638 1
: 68 0639 1 |
: 69 0640 1 | MACROS:
: 70 0641 1 |
: 71 0642 1 |     NONE
: 72 0643 1 |
: 73 0644 1 | EQUATED SYMBOLS:
: 74 0645 1 |
: 75 0646 1 |     NONE
: 76 0647 1 |
: 77 0648 1 | OWN STORAGE:
: 78 0649 1 |
: 79 0650 1 |     NONE
: 80 0651 1 |
: 81 0652 1 | EXTERNAL REFERENCES:
: 82 0653 1 |
: 83 0654 1 |     In the routine
```

```
85 0655 1 %SBTTL 'EDT$$$SC_CPUNEWCOLPOS - compute new column position'
86 0656 1
87 0657 1 GLOBAL ROUTINE EDT$$$SC_CPUNEWCOLPOS ! Compute new column position
88 0658 1 : NOVALUE =
89 0659 1
90 0660 1 +-
91 0661 1 FUNCTIONAL DESCRIPTION:
92 0662 1
93 0663 1 This routine computes a new column position for vertical moves. When
94 0664 1 any command other than a vertical arrow which moves the cursor is executed
95 0665 1 this procedure is called to get the new column position for vertical moves.
96 0666 1 The column position is kept in EDT$$G_COL .
97 0667 1
98 0668 1 FORMAL PARAMETERS:
99 0669 1
100 0670 1 NONE
101 0671 1
102 0672 1 IMPLICIT INPUTS:
103 0673 1
104 0674 1 EDT$$T_LN_BUF
105 0675 1 EDT$$A_LN_PTR
106 0676 1
107 0677 1 IMPLICIT OUTPUTS:
108 0678 1
109 0679 1 EDT$$G_COL
110 0680 1
111 0681 1 ROUTINE VALUE:
112 0682 1
113 0683 1 NONE
114 0684 1
115 0685 1 SIDE EFFECTS:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 --
120 0690 1
121 0691 2 BEGIN
122 0692 2
123 0693 2 EXTERNAL ROUTINE
124 0694 2 EDT$$FMT_CHWID; ! Compute the width of a character
125 0695 2
126 0696 2 EXTERNAL
127 0697 2 EDT$$G_COL, ! The column we should be on.
128 0698 2 EDT$$T_LN_BUF, ! Current line buffer.
129 0699 2 EDT$$A_LN_PTR; ! Current character pointer.
130 0700 2
131 0701 2 LOCAL
132 0702 2 COL_POINT;
133 0703 2
134 0704 2 COL_POINT = EDT$$T_LN_BUF;
135 0705 2 EDT$$G_COL = 0;
136 0706 2
137 0707 2 WHILE CH$PTR NEQ (.COL_POINT, .EDT$$A_LN_PTR) DO
138 0708 2 EDT$$G_COL = .EDT$$G_COL + EDT$$FMT_CHWID (CH$RCHAR_A (COL_POINT), .EDT$$G_COL);
139 0709 2
140 0710 1 END; ! of routine EDT$$$SC_CPUNEWCOLPOS
```


: 144 0713 1 END
: 145 0714 1
: 146 0715 0 ELUDOM

! of module EDT\$SCRNCOL

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	45	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	1	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\$:SCRNCOL/OBJ=OBJ\$:SCRNCOL MSRC\$:SCRNCOL.BLI/UPDATE=(ENH\$:SCRNCOL)

: Size: 45 code + 0 data bytes
: Run Time: 00:09.4
: Elapsed Time: 00:11.7
: Lines/CPU Min: 4544
: Lexemes/CPU-Min: 12165
: Memory Used: 56 pages
: Compilation Complete

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