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PP      PP  RR      RR  NN      NN  UU      UU  MMMM  MMMM  RR      RR  AA      AA  NN      NN
PP      PP  RR      RR  NN      NN  UU      UU  MM  MM  RR      RR  AA      AA  NN      NN
PPPPPPPP  RRRRRRRR  NN  NN  NN  UU      UU  MM      MM  RRRRRRRR  AA      AA  NN  NN  NN
PPPPPPPP  RRRRRRRR  NN  NN  NN  UU      UU  MM      MM  RRRRRRRR  AA      AA  NN  NN  NN
PP      RR  RR  NN      NN  UU      UU  MM      MM  RR  RR  AAAAAAAAAA  NN  NN  NN
PP      RR  RR  NN      NN  UU      UU  MM      MM  RR  RR  AAAAAAAAAA  NN  NN  NN
PP      RR      RR  NN      NN  UU      UU  MM      MM  RR      RR  AA      AA  NN  NN
PP      RR      RR  NN      NN  UU      UU  MM      MM  RR      RR  AA      AA  NN  NN
PP      RR      RR  NN      NN  UUUUUUUUUU  MM      MM  RR      RR  AA      AA  NN  NN
PP      RR      RR  NN      NN  UUUUUUUUUU  MM      MM  RR      RR  AA      AA  NN  NN

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LL      IIIIII  SSSSSSSS
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LLLLLLLLLL  IIIIII  SSSSSSSS

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```

0001 0 %TITLE 'EDT$PRNUMRAN - create a range node'
0002 0 MODULE EDT$PRNUMRAN ( . Create a range node
0003 0 IDENT = 'V04-000' ! File: PRNUMRAN.BLI Edit: JBS1003
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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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 Create a range node with one numeric value.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: December 12, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 25-Feb-1981. This module was created by
0045 1 extracting routine NUM_RANGE from module PARSER.
0046 1 1-002 - Regularize headers. JBS 12-Mar-1981
0047 1 1-003 - Improve the appearance of the listing. JBS 17-Jun-1983
0048 1 --
0049 1

```

EDT\$PRNUMRAN  
V04-000

EDT\$PRNUMRAN - create a range node  
Declarations

E 2  
16-Sep-1984 01:20:06  
14-Sep-1984 12:24:10

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

```
51 0050 1 %SBTTL 'Declarations'
52 0051 1
53 0052 1 : TABLE OF CONTENTS:
54 0053 1 :
55 0054 1
56 0055 1 REQUIRE 'EDTSRC:TRAROUNAM';
57 0494 1
58 0495 1 FORWARD ROUTINE
59 0496 1 EDT$SPA_CRERNGNOD;
60 0497 1
61 0498 1 :
62 0499 1 : INCLUDE FILES:
63 0500 1 :
64 0501 1
65 0502 1 REQUIRE 'EDTSRC:EDTREQ';
66 0637 1
67 0638 1 REQUIRE 'EDTSRC:PARLITS';
68 0922 1
69 0923 1 :
70 0924 1 : MACROS:
71 0925 1 :
72 0926 1 : NONE
73 0927 1 :
74 0928 1 : EQUATED SYMBOLS:
75 0929 1 :
76 0930 1 : NONE
77 0931 1 :
78 0932 1 : OWN STORAGE:
79 0933 1 :
80 0934 1 : NONE
81 0935 1 :
82 0936 1 : EXTERNAL REFERENCES:
83 0937 1 :
84 0938 1 : In the routine
```

```
86 0939 1 %SBTTL 'EDT$$PA_CRERNGNOD - create a range node'
87 0940 1
88 0941 1 GLOBAL ROUTINE EDT$$PA_CRERNGNOD (          ! Create a range node
89 0942 1   RANTYP                                ! Type of range
90 0943 1   ) =
91 0944 1
92 0945 1 |++
93 0946 1 | FUNCTIONAL DESCRIPTION:
94 0947 1 |
95 0948 1 |     Create a range node of the type which has one numeric value.
96 0949 1 |
97 0950 1 | FORMAL PARAMETERS:
98 0951 1 |
99 0952 1 |     RANTYP                Type of range
100 0953 1 |
101 0954 1 | IMPLICIT INPUTS:
102 0955 1 |
103 0956 1 |     EDT$$Z_PA_CURRNG
104 0957 1 |
105 0958 1 | IMPLICIT OUTPUTS:
106 0959 1 |
107 0960 1 |     EDT$$Z_PA_CURRNG
108 0961 1 |
109 0962 1 | ROUTINE VALUE:
110 0963 1 |
111 0964 1 |     0 = unable to create the range node
112 0965 1 |     1 = range node created
113 0966 1 |
114 0967 1 | SIDE EFFECTS:
115 0968 1 |
116 0969 1 |     NONE
117 0970 1 |
118 0971 1 | --
119 0972 1 |
120 0973 2 | BEGIN
121 0974 2 |
122 0975 2 | EXTERNAL ROUTINE
123 0976 2 |     EDT$$PA_NEW_NOD;                ! Create a semantic node
124 0977 2 |
125 0978 2 | EXTERNAL
126 0979 2 |     EDT$$Z_PA_CURRNG : REF NODE_BLOCK;    ! the current range node
127 0980 2 |
128 0981 2 | LOCAL
129 0982 2 |     NEWRANGE : REF NODE_BLOCK;
130 0983 2 |
131 0984 2 | IF ((NEWRANGE = EDT$$PA_NEW_NOD ()) EQL 0) THEN RETURN (0);
132 0985 2 |
133 0986 2 | EDT$$CPY MEM (NODE_SIZE, .EDT$$Z_PA_CURRNG, .NEWRANGE);
134 0987 2 | EDT$$Z_PA_CURRNG [SUB_RANGE] = .NEWRANGE;
135 0988 2 | EDT$$Z_PA_CURRNG [RAN_TYPE] = .RANTYP;
136 0989 2 | EDT$$Z_PA_CURRNG [RAN_VAL] = 1;
137 0990 2 | RETURN (1);
138 0991 1 | END;                                ! of routine EDT$$PA_CRERNGNOD
```

```
.TITLE EDT$PRNUMRAN EDT$PRNUMRAN - create a range node
.IDENT \V04-000\
```

```

00000000G 00 00FC 00000
57 00 FB 00002
50 D0 00009
1C 13 0000C
67 56 00000000G 00 D0 0000E
66 20 28 00015
08 A6 57 D0 00019
01 A6 04 AC 90 0001D
04 A6 01 D0 00022
50 01 D0 00026
50 D4 0002A 1$:
04 0002C

```

```

.EXTRN EDT$$PA_NEW_NOD
.FXTRN EDT$$Z_PA_CORRNG
.PSECI _EDT$CODE, NOWRT, SHR, PIC, 2
.ENTRY EDT$$PA_CRERNGNOD, Save R2,R3,R4,R5,R6,R7 : 0941
CALLS #0, EDT$$PA_NEW_NOD : 0984
MOVL R0, NEWRANGE
BEQL 1$
MOVL EDT$$Z_PA_CURRNG, R6 : 0986
MOVCL #32, (R6); (NEWRANGE)
MOVL NEWRANGE, 8(R6) : 0987
MOVB RANTYP, f(R6) : 0988
MOVL #1, 4(R6) : 0989
MOVL #1, R0 : 0990
RET
CLRL R0 : 0991
RET

```

; Routine Size: 45 bytes, Routine Base: \_EDT\$CODE + 0000

```

: 139 0992 1
: 140 0993 1 !<BLF/PAGE>

```

EDT\$PRNUMRAN  
V04-000

EDT\$PRNUMRAN - create a range node  
EDT\$\$PA\_CRERNGNOD - create a range node

H 2  
16-Sep-1984 01:20:06  
14-Sep-1984 12:24:10

VAX-11 Bliss-32 V4.0-742  
DISK\$VM\$MASTER:[EDT.SRC]PRNUMRAN.BLI;1 (4) Page 5

EDT  
V04

: 142 0994 1 END  
: 143 0995 1  
: 144 0996 0 ELUDOM

! of module EDT\$PRNUMRAN

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	49	12	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\$:PRNUMRAN/OBJ=OBJ\$:PRNUMRAN MSRC\$:PRNUMRAN.BLI/UPDATE=(ENH\$:PRNUMRAN)

: Size: 45 code + 0 data bytes  
: Run Time: 00:13.0  
: Elapsed Time: 00:16.3  
: Lines/CPU Min: 4611  
: Lexemes/CPU-Min: 14541  
: Memory Used: 96 pages  
: Compilation Complete

