```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEE              DDD         DDD       TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEEEEEEEEEEE     DDD          DDD      TTT
EEEEEEEEEEEE     DDD          DDD      TTT
EEEEEEEEEEEE     DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDD          TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
```

```
PPPPPPPP    RRRRRRRR    PPPPPPPP      AAAAAA    RRRRRRRR    DDDDDDDD    RRRRRRRR    VV      VV
PPPPPPPP    RRRRRRRR    PPPPPPPP      AAAAAA    RRRRRRRR    DDDDDDDD    RRRRRRRR    VV      VV
PP      PP  RR      RR  PP      PP   AA    AA   RR      RR  DD      DD  RR      RR  VV      VV
PP      PP  RR      RR  PP      PP   AA    AA   RR      RR  DD      DD  RR      RR  VV      VV
PP      PP  RR      RR  PP      PP   AA    AA   RR      RR  DD      DD  RR      RR  VV      VV
PP      PP  RR      RR  PP      PP   AA    AA   RR      RR  DD      DD  RR      RR  VV      VV
PPPPPPPP    RRRRRRRR    PPPPPPPP     AA    AA   RRRRRRRR    DD      DD  RRRRRRRR    VV      VV
PPPPPPPP    RRRRRRRR    PPPPPPPP     AA    AA   RRRRRRRR    DD      DD  RRRRRRRR    VV      VV
PP          RR  RR      PP           AAAAAAAAAA   RR  RR      DD      DD  RR  RR      VV      VV
PP          RR  RR      PP           AAAAAAAAAA   RR  RR      DD      DD  RR  RR      VV      VV
PP          RR    RR    PP           AA    AA   RR    RR    DD      DD  RR    RR      VV  VV
PP          RR    RR    PP           AA    AA   RR    RR    DD      DD  RR    RR      VV  VV
PP          RR      RR  PP           AA    AA   RR      RR  DDDDDDDD    RR      RR      VV
PP          RR      RR  PP           AA    AA   RR      RR  DDDDDDDD    RR      RR      VV


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
```

```
;     1          0001  0 %TITLE 'EDT$PRPARDRV - parse driver'
;     2          0002  0 MODULE EDT$PRPARDRV (                          ! Parse driver
;     3          0003  0                     IDENT = 'V04-000'                  ! File: PRPARDRV.BLI Edit: JBS1004
;     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                                  *
;    10          0010  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                    *
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;    17          0017  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY     *
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;    19          0019  1 !*                                                                           *
;    20          0020  1 !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE     *
;    21          0021  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT     *
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;    23          0023  1 !*                                                                           *
;    24          0024  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS     *
;    25          0025  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                   *
;    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 !       Parse driver.
;    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: December 12, 1978
;    41          0041  1 !
;    42          0042  1 ! MODIFIED BY:
;    43          0043  1 !
;    44          0044  1 ! 1-001 - Original.  DJS 25-Feb-1981.  This module was created by
;    45          0045  1 !       extracting routine EDT$$PA_DRIV  from module PARSER.
;    46          0046  1 ! 1-002 - Regularize headers.  JBS 12-Mar-1981
;    47          0047  1 ! 1-003 - Use the ASSERT macro.  JBS 01-Jun-1981
;    48          0048  1 ! 1-004 - Improve the appearance of the listing.  JBS 17-Jun-1983
;    49          0049  1 !--
;    50          0050  1
```

```
;    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:TRAHOUNAM';
;    58          0495  1
;    59          0496  1 FORWARD ROUTINE
;    60          0497  1     EDT$$PA_DRIV;
;    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 REQUIRE 'EDTSRC:PARLITS';
;    69          0923  1
;    70          0924  1 REQUIRE 'EDTSRC:PARSYNTBL';
;    71          1355  1
;    72          1356  1 REQUIRE 'EDTSRC:PARLABTBL';
;    73          1363  1
;    74          1364  1 !
;    75          1365  1 ! MACROS:
;    76          1366  1 !
;    77          1367  1 !       NONE
;    78          1368  1 !
;    79          1369  1 ! EQUATED SYMBOLS:
;    80          1370  1 !
;    81          1371  1 !       NONE
;    82          1372  1 !
;    83          1373  1 ! OWN STORAGE:
;    84          1374  1 !
;    85          1375  1 !       NONE
;    86          1376  1 !
;    87          1377  1 ! EXTERNAL REFERENCES:
;    88          1378  1 !
;    89          1379  1 !       In the routine
```

```
;    91          1380  1 %SBTTL 'EDT$$PA_DRIV  - parse driver'
;    92          1381  1
;    93          1382  1 GLOBAL ROUTINE EDT$$PA_DRIV (                    ! Parse driver
;    94          1383  1     TAB_INDEX                                     ! Start parse here
;    95          1384  1     ) =
;    96          1385  1
;    97          1386  1 !++
;    98          1387  1 ! FUNCTIONAL DESCRIPTION:
;    99          1388  1 !
;   100          1389  1 !       This is the parse table driver routine.  TAB_INDEX indexes a byte in
;   101          1390  1 !       the parse table at which the parse starts.
;   102          1391  1 !
;   103          1392  1 !       This routine loops, fetching the next operator and execting until
;   104          1393  1 !       either a RETURN or ABORT command is executed, or a semantic routine
;   105          1394  1 !       returns failure.
;   106          1395  1 !
;   107          1396  1 ! FORMAL PARAMETERS:
;   108          1397  1 !
;   109          1398  1 !  TAB_INDEX            Index into the parse table at which to start the parse
;   110          1399  1 !
;   111          1400  1 ! IMPLICIT INPUTS:
;   112          1401  1 !
;   113          1402  1 !       NONE
;   114          1403  1 !
;   115          1404  1 ! IMPLICIT OUTPUTS:
;   116          1405  1 !
;   117          1406  1 !       EDT$$A_PA_TBLPTR
;   118          1407  1 !
;   119          1408  1 ! ROUTINE VALUE:
;   120          1409  1 !
;   121          1410  1 !       The value of the routine is 1 for success and zero for failure.
;   122          1411  1 !
;   123          1412  1 ! SIDE EFFECTS:
;   124          1413  1 !
;   125          1414  1 !       Calls semantic routines
;   126          1415  1 !
;   127          1416  1 !--
;   128          1417  1
;   129          1418  2     BEGIN
;   130          1419  2
;   131          1420  2     EXTERNAL ROUTINE
;   132          1421  2         EDT$$PA_SCANTOK : NOVALUE,               ! Get the next token
;   133          1422  2         EDT$$PA_TSTTOK,                          ! Try to match the current token
;   134          1423  2         EDT$$PA_SEMRUT;                          ! Semantic routines referenced in the parser tables
;   135          1424  2
;   136          1425  2     EXTERNAL
;   137          1426  2         EDT$$A_PA_TBLPTR;                        ! pointer into the parse table
;   138          1427  2
;   139          1428  2     LOCAL
;   140          1429  2         OP_CODE,                                 ! The parse table op-code
;   141          1430  2         OPERAND,                                 ! The parse table operand
;   142          1431  2         SEM_ROUT,                                ! Number of semantic routine for select
;   143          1432  2         RETURN_ADDR;                             ! The address to return to after a call
;   144          1433  2
;   145          1434  2     EDT$$A_PA_TBLPTR = PARSE_TABLE [.TAB_INDEX];
;   146          1435  2
;   147          1436  2     DO
```

```
;  148     1437  3          BEGIN
;  149     1438  !+
;  150     1439  ! Fetch the op_code and the operand from the table and bump
;  151     1440  ! past them.
;  152     1441  !-
;  153     1442           OP_CODE = .(.EDT$$A_PA_TBLPTR)<5, 3>;
;  154     1443           OPERAND = .(.EDT$$A_PA_TBLPTR)<0, 5>;
;  155     1444           EDT$$A_PA_TBLPTR = .EDT$$A_PA_TBLPTR + 1;
;  156     1445
;  157     1446           IF (.OPERAND EQL 0)
;  158     1447           THEN
;  159     1448   !+
;  160     1449   ! Here if operand is 0.  This means it is a long-form operand.
;  161     1450   !-
;  162     1451  4            BEGIN
;  163     1452  4            OPERAND = .(.EDT$$A_PA_TBLPTR)<0, 8>;
;  164     1453  4            EDT$$A_PA_TBLPTR = .EDT$$A_PA_TBLPTR + 1;
;  165     1454  4            END;
;  166     1455
;  167     1456   !+
;  168     1457   ! And now, let's case on the operand.
;  169     1458   !-
;  170     1459
;  171     1460           CASE .OP_CODE FROM OPC_ABORT TO OPC_SELECT OF
;  172     1461               SET
;  173     1462
;  174     1463               [OPC_ABORT] :                       ! This one is easy enough
;  175     1464  4                BEGIN
;  176     1465  4                RETURN (0);
;  177     1466  4                END;
;  178     1467
;  179     1468  3               [OPC_ACTION] :                      ! Perform the specified action routine.
;  180     1469  4                BEGIN
;  181     1470  4
;  182     1471  4                IF ( NOT EDT$$PA_SEMRUT (.OPERAND, EDT$$A_PA_TBLPTR)) THEN RETURN (0);
;  183     1472  4
;  184     1473  3                END;
;  185     1474  3
;  186     1475  3               [OPC_CALL] :                        ! Call; save current pointer and call yourself.
;  187     1476  4                BEGIN
;  188     1477  4                RETURN_ADDR = .EDT$$A_PA_TBLPTR;
;  189     1478  4
;  190     1479  4                IF EDT$$PA_DRIV (.LAB_TAB [.OPERAND - 1])       !
;  191     1480  4                THEN
;  192     1481  4                    EDT$$A_PA_TBLPTR = .RETURN_ADDR
;  193     1482  4                ELSE
;  194     1483  4                    RETURN (0);
;  195     1484  4
;  196     1485  3                END;
;  197     1486
;  198     1487  3               [OPC_GOTO] :                        ! Just get the new table address and continue.
;  199     1488  4                BEGIN
;  200     1489  4                EDT$$A_PA_TBLPTR = PARSE_TABLE [.LAB_TAB [.OPERAND - 1]];
;  201     1490  3                END;
;  202     1491
;  203     1492  3               [OPC_OPTION] :                      ! Skip if the current token is not the optional one.
;  204     1493  4                BEGIN
```

```
;  205          1494  4
;  206          1495  4                    IF EDT$$PA_TSTTOK (.OPERAND)
;  207          1496  4                    THEN
;  208          1497  5                        BEGIN
;  209          1498  5                        EDT$$PA_SCANTOK ();
;  210          1499  5                        EDT$$A_PA_TBLPTR = .EDT$$A_PA_TBLPTR + 1;
;  211          1500  5                        END
;  212          1501  4                    ELSE
;  213          1502  4                        EDT$$A_PA_TBLPTR = PARSE_TABLE [.LAB_TAB [.(.EDT$$A_PA_TBLPTR)<0, 8> - 1]];
;  214          1503  4
;  215          1504  3                    END;
;  216          1505  3
;  217          1506  3                [OPC_REQUIRE] :                     ! Abort if the current token is not the required one.
;  218          1507  4                    BEGIN
;  219          1508  4
;  220          1509  4                    IF EDT$$PA_TSTTOK (.OPERAND) THEN EDT$$PA_SCANTOK () ELSE RETURN (0);
;  221          1510  4
;  222          1511  3                    END;
;  223          1512  3
;  224          1513  3                [OPC_SELECT] :                      ! Loop through the possible tokens, looking for it.
;  225          1514  4                    BEGIN
;  226          1515  4
;  227          1516  4                    LOCAL
;  228          1517  4                        SELECTED;
;  229          1518  4
;  230          1519  4                    SEM_ROUT = .(.EDT$$A_PA_TBLPTR)<0, 8>;
;  231          1520  4                    EDT$$A_PA_TBLPTR = .EDT$$A_PA_TBLPTR + 1;
;  232          1521  4                    SELECTED = 0;
;  233          1522  4
;  234          1523  4                    INCR I FROM 1 TO .OPERAND DO
;  235          1524  5                        BEGIN
;  236          1525  5
;  237          1526  5                        IF EDT$$PA_TSTTOK (.(.EDT$$A_PA_TBLPTR)<0, 8>)
;  238          1527  5                        THEN
;  239          1528  6                            BEGIN
;  240          1529  6                            EDT$$A_PA_TBLPTR = PARSE_TABLE [.LAB_TAB [.(.EDT$$A_PA_TBLPTR + 1)<0, 8> - 1]];
;  241          1530  6                            SELECTED = .I;
;  242          1531  6                            EXITLOOP;
;  243          1532  5                            END;
;  244          1533  5
;  245          1534  5                        EDT$$A_PA_TBLPTR = .EDT$$A_PA_TBLPTR + 2;
;  246          1535  4                        END;
;  247          1536  4
;  248          1537  4                    IF ( NOT EDT$$PA_SEMRUT (.SEM_ROUT, .SELECTED)) THEN RETURN (0);
;  249          1538  4
;  250          1539  4                    IF (.SELECTED NEQ 0) THEN EDT$$PA_SCANTOK ();
;  251          1540  4
;  252          1541  3                    END;
;  253          1542  3
;  254          1543  3                [OPC_RETURN] :                      ! And another easy one.
;  255          1544  4                    BEGIN
;  256          1545  4                    RETURN (1);
;  257          1546  3                    END;
;  258          1547  3
;  259          1548  3                [OUTRANGE] :
;  260          1549  3                    ASSERT (0);
;  261          1550  3                TES;
```

```
;   262          1551  3
;   263          1552  3               END
;   264          1553  2           UNTIL 0;
;   265          1554  2
;   266          1555  2           ASSERT (0);
;   267          1556  2           RETURN (0);
;   268          1557  1           END;                                           ! of routine EDT$$PA_DRIV


                                                              .TITLE  EDT$PRPARDRV EDT$PRPARDRV - parse driver
                                                              .IDENT  \V04-000\

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

48 03 51 36 4D 03 4E 40 4F 14 52 03 23 14 F7 00000 P.AAA:    .BYTE   -9, 20, 35, 3, 82, 20, 79, 64, 78, 3, 77, -      ;
31 54 03 55 03 5C 04 5D 09 59 14 5A 03 4B 09 0000F                   54, 81, 3, 72, 9, 75, 3, 90, 20, 89, 9, -        ;
06 2C 71 2D 07 15 15 09 58 03 56 34 57 35 53 0001E                   93, 4, 92, 3, 85, 3, 84, 49, 83, 53, 87, -       ;
E1 83 27 83 39 C0 32 4F 84 2A 4F 33 03 6B 2F 0002D                   52, 86, 3, 88, 9, 21, 21, 7, 45, 113, 44, -      ;
27 60 28 60 2E 1C 7C A0 60 27 83 28 15 15 10 0003C                   6, 47, 107, 3, 51, 79, 42, -124, 79, 50, -       ;
01 22 0D 24 E0 83 2F 6A C0 60 2A 26 60 31 84 0004B                   -64, 57, -125, 39, -125, -31, 16, 21, 21, -      ;
5F 01 0B 01 60 01 18 24 1C 25 1D 23 03 01 79 0005A                   40, -125, 39, 96, -96, 124, 28, 46, 96, -        ;
27 11 08 09 28 1E 01 61 08 08 01 5B 01 19 01 00069                   40, 96, 39, -124, 49, 96, 38, 42, 96, -          ;
6C 01 0F 01 72 08 06 01 6F 01 0C 1B 10 08 04 00078                   -64, 106, 47, -125, -32, 36, 13, 34, 1, -        ;
3F 2B 39 2D 3B 31 01 6D 01 33 01 74 01 14 01 00087                   121, 1, 3, 35, 29, 37, 28, 36, 24, 1, 96, -      ;
82 01 E3 00 23 13 32 01 7F 01 29 13 07 2E 2C 00096                   1, 11, 1, 95, 1, 25, 1, 91, 1, 8, 8, 97, -       ;
86 01 04 01 23 01 E2 00 32 20 01 83 01 80 01 000A5                   1, 30, 40, 9, 8, 17, 39, 4, 8, 16, 27, -         ;
6E 01 88 01 81 01 20 01 21 01 86 01 89 01 EB 000B4                   12, 1, 111, 1, 6, 8, 114, 1, 15, 1, 108, -       ;
01 E2 60 49 C0 86 11 5E 11 03 01 4C 01 4A 01 000C3                   1, 20, 1, 116, 1, 51, 1, 109, 1, 49, 59, -       ;
34 01 E7 86 01 87 01 85 01 E2 86 01 65 01 68 000D2                   45, 57, 43, 63, 44, 46, 7, 19, 41, 1, -          ;
E2 86 02 2E 02 26 02 25 02 24 02 28 02 27 02 000E1                   127, 1, 50, 19, 35, 0, -29, 1, -126, 1, -        ;
66 01 69 01 84 01 E9 2F 20 86 02 2A 02 2F 01 000F0                   -128, 1, -125, 1, 32, 50, 0, -30, 1, 35, -       ;
22 86 01 3F 01 41 01 40 01 36 01 37 01 35 01 000FF                   1, 4, 1, -122, -21, 1, -119, 1, -122, 1, -       ;
02 0A 01 E4 60 30 20 C1 22 C2 31 20 2E 20 C1 0010E                   33, 1, 32, 1, -127, 1, -120, 1, 110, 1, -        ;
1D 01 03 01 17 0D FD 00 2C 02 13 02 0D 02 12 0011D                   74, 1, 76, 1, 3, 17, 94, 17, -122, -64, -        ;
01 22 01 09 01 1E 0C 1B 17 10 01 62 01 1C 01 0012C                   73, 96, -30, 1, 104, 1, 101, 1, -122, -          ;
06 01 0C 01 04 01 11 01 08 01 19 01 0B 01 18 0013B                   -30, 1, -123, 1, -121, 1, -122, -25, 1, -        ;
01 2C 01 2B 20 2D 22 31 01 33 01 14 01 0F 01 0014A                   52, 2, 39, 2, 40, 2, 36, 2, 37, 2, 38, 2, -      ;
64 2B 01 2A E5 00 23 01 46 01 32 01 29 01 07 00159                   46, 2, -122, -30, 1, 47, 2, 42, 2, -122, -       ;
04 E4 60 2C 20 60 29 20 19 30 18 0E 1D 1F 1F 00168                   32, 47, -23, 1, -124, 1, 105, 1, 102, 1, -       ;
20 60 2D 20 60 2B 20 21 30 29 0E 2A 1F 26 01 00177                   53, 1, 55, 1, 54, 1, 64, 1, 65, 1, 63, 1, -      ;
60 34 20 60 3A 20 60 3B 20 60 38 20 C1 60 39 00186                   -122, 34, -63, 32, 46, 32, 49, -62, 34, -        ;
2C 01 13 01 0D 01 12 01 0A 01 E4 60 33 20 C1 00195                   -63, 32, 48, 96, -28, 1, 10, 2, 18, 2, -         ;
01 26 01 25 01 24 01 28 01 27 01 34 01 E7 00 001A4                   13, 2, 19, 2, 44, 0, -3, 13, 23, 1, 3, 1, -      ;
63 04 E2 00 23 01 2A 01 2F 01 E2 00 23 01 2E 001B3                   29, 1, 28, 1, 98, 1, 16, 23, 27, 12, 30, -       ;
3E C5 37 20 67 C0 35 20 4C 00 36 20 1A 1B 1E 001C2                   1, 9, 1, 34, 1, 24, 1, 11, 1, 25, 1, 8, -        ;
3D 4E 26 0E B7 38 80 37 3E A0 3A 60 3B 26 60 001D1                   1, 17, 1, 4, 1, 12, 1, 6, 1, 15, 1, 20, -        ;
E6 4A 01 73 07 47 07 3C C7 3D 01 45 1C E5 60 001E0                   1, 51, 1, 49, 34, 45, 32, 43, 1, 44, 1, -        ;
44 A0 0B 16 0B 1A 10 50 10 38 12 3A 12 02 04 001EF                   7, 1, 41, 1, 50, 1, 70, 1, 35, 0, -27, -         ;
05 21 05 20 3D 05 05 42 3C 01 15 E6 60 36 01 001FE                   42, 1, 43, 100, 31, 31, 29, 14, 24, 48, -        ;
C1 22 37 85 38 25 60 30 3B 3E 43 04 E2 0D 70 0020D                   25, 32, 41, 96, 32, 44, 96, -28, 4, 1, -         ;
20 85 24 20 0D A5 25 20 85 29 05 A1 39 87 29 0021C                   38, 31, 42, 14, 41, 48, 33, 32, 43, 96, -        ;
80 07 BA 8B 33 B6 3F 4A 20 20 87 26 20 4A 27 0022B                   32, 45, 96, 32, 57, 96, -63, 32, 56, 96, -       ;
7D 41 75 16 7E 04 7A 21 E7 22 20 01 7B A0 32 0023A                   32, 59, 96, 32, 58, 96, 32, 52, 96, -63, -       ;
04 A2 28 20 22 00 23 20 04 77 04 78 16 76 3A 00249                   32, 51, 96, -28, 1, 10, 1, 18, 1, 13, 1, -       ;
2B C1 22 04 A2 84 3C 20 25 C1 04 A2 2B 25 C1 00258                   19, 1, 44, 0, -25, 1, 52, 1, 39, 1, 40, -        ;
                                    00 60 84 00267                   1, 36, 1, 37, 1, 38, 1, 46, 1, 35, 0, -          ;
                                                                     -30, 1, 47, 1, 42, 1, 35, 0, -30, 4, 99, -       ;
```

```
                                                                                30, 27, 26, 32, 54, 0, 76, 32, 53, -64, -   ;
                                                                                103, 32, 55, -59, 62, 96, 38, 59, 96, 58, - ;
                                                                                -96, 62, 55, -128, 56, -73, 14, 38, 78, -   ;
                                                                                61, 96, -27, 28, 69, 1, 61, 7, 60, 7, 71, - ;
                                                                                7, 115, 1, 74, -26, 4, 2, 18, 58, 18, 56, - ;
                                                                                16, 80, 16, 26, 11, 22, 11, -96, 68, 1, -   ;
                                                                                54, 96, -26, 21, 1, 60, 66, 5, 5, 61, 32, - ;
                                                                                5, 33, 5, 112, 13, -30, 4, 67, 62, 59, -    ;
                                                                                48, 96, 37, 56, -123, 55, 34, -63, 41, -    ;
                                                                                -121, 57, -95, 5, 41, -123, 32, 37, -91, -  ;
                                                                                13, 32, 36, -123, 32, 39, 74, 32, 38, -     ;
                                                                                -121, 32, 32, 74, 63, -74, 51, -117, -70, - ;
                                                                                7, -128, 50, -96, 123, 1, 32, 34, -25, -    ;
                                                                                33, 122, 4, 126, 22, 117, 65, 125, 58, -    ;
                                                                                118, 22, 120, 4, 119, 4, 32, 35, 0, 34, -   ;
                                                                                32, 40, -94, 4, -63, 37, 43, -94, 4, -63, - ;
                                                                                37, 32, 60, -124, -94, 4, 34, -63, 43, -    ;
                                                                                -124, 96, 0                                 ;
                                                         0026A           .BLKB  2
0201  0039  0114  01FC  00AA  020F  023B  0031  01CD  0268  0026C  P.AAB:  .WORD  616, 461, 49, 571, 527, 170, 508, 276, -   ;
0034  0041  022A  00CD  0219  01D5  01E1  021F  0163  0230  00280                 57, 513, 560, 355, 543, 481, 469, 537, -   ;
01D2  0182  0048  0119  01C8  0188  0185  0199  0262  0043  00294                 205, 554, 65, 52, 67, 610, 409, 389, 392, - ;
010D  00AD  018C  00B4  00F6  00A2  01A5  0195  01B7  0175  002A8                 456, 281, 72, 386, 466, 373, 439, 405, -   ;
0232  0055  0223  0051  00D7  004C  004E  0172  018F  0192  002BC                 421, 162, 246, 180, 396, 173, 269, 402, -  ;
0216  00DE  0253  00EF  01DD  01DB  004A  0125  003B  0237  002D0                 399, 370, 78, 76, 215, 81, 547, 85, 562, - ;
                        01EE  0000  01BF  00D0  021E  0227  002E4                 567, 59, 293, 74, 475, 477, 239, 595, -    ;
                                                                                222, 534, 551, 542, 208, 447, 0, 494       ;

                                                               PARSE_TABLE=         P.AAA
                                                               LAB_TAB=             P.AAB
                                                                         EXTRN   EDT$$PA_SCANTOK
                                                                        .EXTRN   EDT$$PA_TSTTOK, EDT$$PA_SEMRUT
                                                                        .EXTRN   EDT$$A_PA_TBLPTR
                                                                        .EXTRN   EDT$$INTER_ERR

                                                  0FFC 00000            .ENTRY   EDT$$PA_DRIV, Save R2,R3,R4,R5,R6,R7,R8,R9,-; 1382
                                                                                 R10,R11                                    ;
                                  5B 00000000G  00   9E 00002           MOVAB    EDT$$PA_TSTTOK, R11                        ;
                                  5A     FD03   CF   9E 00009           MOVAB    PARSE_TABLE, R10                           ;
                                  59 00000000G  00   9E 0000E           MOVAB    EDT$$A_PA_TBLPTR, R9                       ;
                                  50            6A   9E 00015           MOVAB    PARSE_TABLE, R0                            ; 1434
                                  69       04 BC40   9E 00018           MOVAB    @TAB_INDEX[R0], EDT$$A_PA_TBLPTR           ;
                                  50            69   D0 0001D  1$:      MOVL     EDT$$A_PA_TBLPTR, R0                       ; 1442
          57             60       03            05   EF 00020           EXTZV    #5, #3, (R0), OP_CODE                      ;
          52             60       05            00   EF 00025           EXTZV    #0, #5, (R0), OPERAND                      ; 1443
                                                69   D6 0002A           INCL     EDT$$A_PA_TBLPTR                           ; 1444
                                                52   D5 0002C           TSTL     OPERAND                                    ; 1446
                                                08   12 0002E           BNEQ     2$                                         ;
                                  50            69   D0 00030           MOVL     EDT$$A_PA_TBLPTR, R0                       ; 1452
                                  52            60   9A 00033           MOVZBL   (R0), OPERAND                              ;
                                                69   D6 00036           INCL     EDT$$A_PA_TBLPTR                           ; 1453
                         07       00            57   CF 00038  2$:      CASEL    OP_CODE, #0, #7                            ; 1460
        00D4           002A     0019          00D8      0003C  3$:      .WORD    20$-3$,-                                   ;
        0080           0076     004E          003F      00044                    4$-3$,-                                    ;
                                                                                 6$-3$,-                                    ;
                                                                                 19$-3$,-                                   ;
                                                                                 7$-3$,-                                    ;
```

```
                                                                                9$-3$,-                                                                 ;
                                                                                11$-3$,-                                                                ;
                                                                                12$-3$                                                                  ;
                00000000G   00          00   FB 0004C          CALLS   #0, EDT$$INTER_ERR                                                      ; 1549
                            C8          11   00053            BRB     1$                                                                      ; 1460
                      0204  8F          BB   00055 4$:        PUSHR   #^M<R2,R9>                                                              ; 1471
                00000000G   00          02   FB 00059          CALLS   #2, EDT$$PA_SEMRUT
                            BA          50   E8 00060          BLBS    R0, 1$                                                                  ;
                                      00AE   31 00063 5$:      BRW     20$                                                                     ;
                            55          69   D0 00066 6$:      MOVL    EDT$$A_PA_TBLPTR, RETURN_ADDR                                           ; 1477
                            7E    026A  CA42   3C 00069          MOVZWL  LAB_TAB-2[OPERAND], -(SP)                                               ; 1479
                         8D     AF          01   FB 0006F          CALLS   #1, EDT$$PA_DRIV
                            ED          50   E9 00073          BLBC    R0, 5$                                                                  ;
                            69          55   D0 00076          MOVL    RETURN_ADDR, EDT$$A_PA_TBLPTR                                           ; 1481
                            A2          11   00079            BRB     1$                                                                      ;
                            50          6A   9E 0007B 7$:      MOVAB   PARSE_TABLE, R0                                                         ; 1489
                            51    026A  CA42   3C 0007E          MOVZWL  LAB_TAB-2[OPERAND], R1
                69          50          51   C1 00084          ADDL3   R1, R0, EDT$$A_PA_TBLPTR                                                ;
                            93          11   00088 8$:         BRB     1$                                                                      ; 1460
                            52          DD   0008A 9$:         PUSHL   OPERAND                                                                 ; 1495
                            6B          01   FB 0008C          CALLS   #1, EDT$$PA_TSTTOK
                            0B          50   E9 0008F          BLBC    R0, 10$                                                                 ;
                00000000G   00          00   FB 00092          CALLS   #0, EDT$$PA_SCANTOK                                                     ; 1498
                            69          D6   00099            INCL    EDT$$A_PA_TBLPTR                                                        ; 1499
                            70          11   0009B            BRB     18$                                                                     ; 1495
                            50          69   D0 0009D 10$:      MOVL    EDT$$A_PA_TBLPTR, R0                                                    ; 1502
                            50          60   9A 000A0          MOVZBL  (R0), R0
                            51          6A   9E 000A3          MOVAB   PARSE_TABLE, R1
                            53    026A  CA40   3C 000A6          MOVZWL  LAB_TAB-2[R0], R3
                69          51          53   C1 000AC          ADDL3   R3, R1, EDT$$A_PA_TBLPTR
                            5B          11   000B0            BRB     18$                                                                     ; 1460
                            52          DD   000B2 11$:        PUSHL   OPERAND                                                                 ; 1509
                            6B          01   FB 000B4          CALLS   #1, EDT$$PA_TSTTOK
                            5A          50   E9 000B7          BLBC    R0, 20$                                                                 ;
                            4A          11   000BA            BRB     17$                                                                     ;
                            50          69   D0 000BC 12$:      MOVL    EDT$$A_PA_TBLPTR, R0                                                    ; 1519
                            56          60   9A 000BF          MOVZBL  (R0), SEM_ROUT
                                        69   D6 000C2          INCL    EDT$$A_PA_TBLPTR                                                        ; 1520
                                        53   7C 000C4          CLRQ    I                                                                       ; 1523
                                        28   11 000C6          BRB     15$                                                                     ;
                            50          69   D0 000C8 13$:      MOVL    EDT$$A_PA_TBLPTR, R0                                                    ; 1526
                            7E          60   9A 000CB          MOVZBL  (R0), -(SP)
                            6B          01   FB 000CE          CALLS   #1, EDT$$PA_TSTTOK
                            19          50   E9 000D1          BLBC    R0, 14$                                                                 ;
                            50          69   D0 000D4          MOVL    EDT$$A_PA_TBLPTR, R0                                                    ; 1529
                            50    01    A0   9A 000D7          MOVZBL  1(R0), R0
                            51          6A   9E 000DB          MOVAB   PARSE_TABLE, R1
                            58    026A  CA40   3C 000DE          MOVZWL  LAB_TAB-2[R0], R8
                69          51          58   C1 000E4          ADDL3   R8, R1, EDT$$A_PA_TBLPTR
                            54          53   D0 000E8          MOVL    I, SELECTED                                                             ; 1530
                                        07   11 000EB          BRB     16$                                                                     ; 1528
                            69          02   C0 000ED 14$:      ADDL2   #2, EDT$$A_PA_TBLPTR                                                    ; 1534
                D4          53          52   F3 000F0 15$:      AOBLEQ  OPERAND, I, 13$                                                         ; 1523
                                        54   DD 000F4 16$:      PUSHL   SELECTED                                                                ; 1537
                                        56   DD 000F6          PUSHL   SEM_ROUT
                00000000G   00          02   FB 000F8          CALLS   #2, EDT$$PA_SEMRUT
                            12          50   E9 000FF          BLBC    R0, 20$                                                                 ;
```

```
                                     54  D5 00102          TSTL    SELECTED                                ; 1539
                                     82  13 00104          BEQL    8$                                      ;
                         00000000G   00     00  FB 00106 17$:    CALLS   #0, EDT$$PA_SCANTOK             ;
                                         FF0D  31 0010D 18$:    BRW     1$                              ; 1460
                                     50      01  D0 00110 19$:    MOVL    #1, R0                          ; 1545
                                             04 00113          RET                                     ;
                                     50      D4 00114 20$:    CLRL    R0                              ; 1557
                                             04 00116          RET                                     ;

; Routine Size:  279 bytes,    Routine Base:  _EDT$CODE + 02F0

;  269          1558  1
;  270          1559  1 !<BLF/PAGE>
```

```
;  272          1560  1 END                           ! of module EDT$PRPARDRV
;  273          1561  1
;  274          1562  0 ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
_EDT$CODE	1031	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Symbols Total	Symbols Loaded	Symbols Percent	Pages Mapped	Processing Time
_255DUA28:[EDT.SRC]EDT.L32;1	377	17	4	40	00:00.2
_255DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

```
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:PRPARDRV/OBJ=OBJ$:PRPARDRV MSRC$:PRPARDRV.BLI/UPDATE=(ENH$:PRPA
;       RDRV)

; Size:         279 code + 752 data bytes
; Run Time:       00:28.8
; Elapsed Time:   00:35.5
; Lines/CPU Min:   3254
; Lexemes/CPU-Min: 11385
; Memory Used:  181 pages
; Compilation Complete
```

PRNUMRAN
LIS

REAJOUTEX
LIS

PRPARCOMN
LIS

SCRCHKREV
LIS

SCRDELETE
LIS

SCRESCR
LIS

SCRCURS
LIS

PSECTS
LIS

PRMACCAL
LIS

PRPUSH
LIS

SCRFIND
LIS

PRPARCOM
LIS

PRPARDRV
LIS

RANRPOS
LIS

SCRCOMCUR
LIS

RANNEXT
LIS

SCRBLOB
LIS

SCRELINE
LIS

SCRFCURS
LIS

PRSEMRTN
LIS

SAUDIT
LIS