```
BBBBBBBBBBBB        AAAAAAAAA       SSSSSSSSSSS  RRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
BBBBBBBBBBBB        AAAAAAAAA       SSSSSSSSSSS  RRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
BBBBBBBBBBBB        AAAAAAAAA       SSSSSSSSSSS  RRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
BBB          BBB   AAA         AAA  SSS          RRR         RRR       TTT        LLL
BBB          BBB   AAA         AAA  SSS          RRR         RRR       TTT        LLL
BBB          BBB   AAA         AAA  SSS          RRR         RRR       TTT        LLL
BBB          BBB   AAA         AAA  SSS          RRR         RRR       TTT        LLL
BBB          BBB   AAA         AAA  SSS          RRR         RRR       TTT        LLL
BBB          BBB   AAA         AAA  SSS          RRR         RRR       TTT        LLL
BBBBBBBBBBBB       AAA         AAA     SSSSSSSSS    RRRRRRRRRRR       TTT        LLL
BBBBBBBBBBBB       AAA         AAA     SSSSSSSSS    RRRRRRRRRRR       TTT        LLL
BBBBBBBBBBBB       AAA         AAA     SSSSSSSSS    RRRRRRRRRRR       TTT        LLL
BBB          BBB   AAAAAAAAAAAAAAA           SSS  RRR   RRR         TTT        LLL
BBB          BBB   AAAAAAAAAAAAAAA           SSS  RRR   RRR         TTT        LLL
BBB          BBB   AAAAAAAAAAAAAAA           SSS  RRR   RRR         TTT        LLL
BBB          BBB   AAA         AAA           SSS  RRR      RRR      TTT        LLL
BBB          BBB   AAA         AAA           SSS  RRR      RRR      TTT        LLL
BBB          BBB   AAA         AAA           SSS  RRR      RRR      TTT        LLL
BBBBBBBBBBBB       AAA         AAA  SSSSSSSSSSS  RRR         RRR    TTT        LLLLLLLLLLLLLLL
BBBBBBBBBBBB       AAA         AAA  SSSSSSSSSSS  RRR         RRR    TTT        LLLLLLLLLLLLLLL
BBBBBBBBBBBB       AAA         AAA  SSSSSSSSSSS  RRR         RRR    TTT        LLLLLLLLLLLLLLL
```

```
BBBBBBBB      AAAAAA      SSSSSSSS  EEEEEEEEEE  NN      NN  DDDDDDDD    DDDDDDDD    FFFFFFFFFF    SSSSSSSS
BBBBBBBB      AAAAAA      SSSSSSSS  EEEEEEEEEE  NN      NN  DDDDDDDD    DDDDDDDD    FFFFFFFFFF    SSSSSSSS
BB      BB   AA      AA   SS        EE          NN      NN  DD      DD  DD      DD  FF            SS
BB      BB   AA      AA   SS        EE          NN      NN  DD      DD  DD      DD  FF            SS
BB      BB   AA      AA   SS        EE          NNNN    NN  DD      DD  DD      DD  FF            SS
BB      BB   AA      AA   SS        EE          NNNN    NN  DD      DD  DD      DD  FF            SS
BBBBBBBB     AA      AA     SSSSSS  EEEEEEEE    NN  NN  NN  DD      DD  DD      DD  FFFFFFFF      SSSSSS
BBBBBBBB     AA      AA     SSSSSS  EEEEEEEE    NN  NN  NN  DD      DD  DD      DD  FFFFFFFF      SSSSSS
BB      BB   AAAAAAAAAA           SS  EE          NN    NNNN  DD      DD  DD      DD  FF                  SS
BB      BB   AAAAAAAAAA           SS  EE          NN    NNNN  DD      DD  DD      DD  FF                  SS
BB      BB   AA      AA           SS  EE          NN      NN  DD      DD  DD      DD  FF                  SS      ....
BB      BB   AA      AA           SS  EE          NN      NN  DD      DD  DD      DD  FF                  SS      ....
BBBBBBBB     AA      AA  SSSSSSSS    EEEEEEEEEE  NN      NN  DDDDDDDD    DDDDDDDD    FF            SSSSSSSS      ....
BBBBBBBB     AA      AA  SSSSSSSS    EEEEEEEEEE  NN      NN  DDDDDDDD    DDDDDDDD    FF            SSSSSSSS      ....

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 MODULE BAS$END_DFS (                                  !
;     2          0002  0                 IDENT = '1-004'                      ! File: BASENDDFS.B32  Edit:MDL1004
;     3          0003  0                 ) =
;     4          0004  1 BEGIN
;     5          0005  1 !
;     6          0006  1 !*****************************************************************************
;     7          0007  1 !*                                                                           *
;     8          0008  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                  *
;     9          0009  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                    *
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;    16          0016  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY     *
;    17          0017  1 !*  TRANSFERRED.                                                              *
;    18          0018  1 !*                                                                           *
;    19          0019  1 !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE     *
;    20          0020  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT     *
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;    22          0022  1 !*                                                                           *
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;    24          0024  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                   *
;    25          0025  1 !*                                                                           *
;    26          0026  1 !*                                                                           *
;    27          0027  1 !*****************************************************************************
;    28          0028  1 !
;    29          0029  1 !
;    30          0030  1
;    31          0031  1 !++
;    32          0032  1 ! FACILITY:  BASIC-PLUS-2 Frame Support
;    33          0033  1 !
;    34          0034  1 ! ABSTRACT:
;    35          0035  1 !
;    36          0036  1 !       These routines set up and tear down frames for BASIC-PLUS-2.
;    37          0037  1 !       Frames are used for main routines, external functions,
;    38          0038  1 !       external subroutines, internal functions (both DEFs and DEF*s)
;    39          0039  1 !       internal subroutines (GOSUBs) and condition handlers.
;    40          0040  1 !
;    41          0041  1 ! ENVIRONMENT:  VAX-11 user mode
;    42          0042  1 !
;    43          0043  1 ! AUTHOR: John Sauter, CREATION DATE: 10-Oct-78
;    44          0044  1 !
;    45          0045  1 ! MODIFIED BY:
;    46          0046  1 !
;    47          0047  1 !       , : VERSION
;    48          0048  1 !
;    49          0049  1 ! 1-001 - Original.  This is just a skeleton.
;    50          0050  1 ! 1-002 - Change LIB$S and OTS$S to STR$.  JBS 21-MAY-1979
;    51          0051  1 ! 1-003 - Code this routine, based on BAS$END_DEF.  JBS 03-AUG-1979
;    52          0052  1 ! 1-004 - signal FNEWITFUN for kinds of frames that we know about, rather
;    53          0053  1 !         than simply signalling PROLOSSOR blindly.  MDL 22-Feb-1984
;    54          0054  1 !--
;    55          0055  1
;    56          0056  1 !
;    57          0057  1 !<BLF/PAGE>
```

```
;    59          0058  1 !
;    60          0059  1 ! SWITCHES:
;    61          0060  1 !
;    62          0061  1
;    63          0062  1 SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
;    64          0063  1
;    65          0064  1 !
;    66          0065  1 ! LINKAGES:
;    67          0066  1 !
;    68          0067  1
;    69          0068  1 LINKAGE
;    70          0069  1     BAS$INIT_LINK = JSB (REGISTER = 0, REGISTER = 1, REGISTER = 2) :    !
;    71          0070  1     GLOBAL (BSF$A_MAJOR_STG = 11, BSF$A_MINOR_STG = 10, BSF$A_TEMP_STG = 9)     !
;    72          0071  1     NOPRESERVE (8, 7, 6, 5, 4, 3, 2, 1, 0);
;    73          0072  1
;    74          0073  1 REQUIRE 'RTLIN:STRLNK';                          ! String facility linkages
;    75          0258  1
;    76          0259  1 !
;    77          0260  1 ! TABLE OF CONTENTS:
;    78          0261  1 !
;    79          0262  1
;    80          0263  1 FORWARD ROUTINE
;    81          0264  1     BAS$END_DFS_R8 : NOVALUE BAS$INIT_LINK;     ! end DEF*
;    82          0265  1
;    83          0266  1 !
;    84          0267  1 ! INCLUDE FILES:
;    85          0268  1 !
;    86          0269  1
;    87          0270  1 REQUIRE 'RTLIN:RTLPSECT';                        ! macros for defing psects
;    88          0365  1
;    89          0366  1 REQUIRE 'RTLIN:BASFRAME';                        ! Define frame structure
;    90          0569  1
;    91          0570  1 REQUIRE 'RTLIN:BASINARG';                        ! Define argument list
;    92          0654  1
;    93          0655  1 !
;    94          0656  1 ! MACROS:
;    95          0657  1 !
;    96          0658  1 !       NONE
;    97          0659  1 !
;    98          0660  1 ! EQUATED SYMBOLS:
;    99          0661  1 !
;   100          0662  1 !       NONE
;   101          0663  1 !
;   102          0664  1 ! PSECTS:
;   103          0665  1 !
;   104          0666  1 DECLARE_PSECTS (BAS);                           ! declare psects for BAS$ facility
;   105          0667  1 !
;   106          0668  1 ! OWN STORAGE:
;   107          0669  1 !
;   108          0670  1 !       NONE
;   109          0671  1 !
;   110          0672  1 ! EXTERNAL REFERENCES:
;   111          0673  1 !
;   112          0674  1
;   113          0675  1 EXTERNAL ROUTINE
;   114          0676  1     BAS$$STOP : NOVALUE,                        ! signals error
;   115          0677  1     STR$FREE1_DX_R4 : STR$JSB_GETFRE,           ! Deallocate a string
```

```
;  116          0678  1     BAS$$UNWIND : NOVALUE,                  ! Unwind a frame
;  117          0679  1     BAS$HANDLER;                            ! Marker for BASIC frame
;  118          0680  1
;  119          0681  1 !+
;  120          0682  1 ! The following are the error codes used in this module.
;  121          0683  1 !-
;  122          0684  1
;  123          0685  1 EXTERNAL LITERAL
;  124          0686  1     BAS$K_RETWITGOS : UNSIGNED (8),         ! RETURN without GOSUB
;  125          0687  1     BAS$K_PROLOSSOR : UNSIGNED (8),         ! Program lost, sorry
;  126          0688  1     BAS$K_NOTIMP : UNSIGNED (8),            ! Not implemented
;  127          0689  1     BAS$K_FNEWITFUN : UNSIGNED (8),         ! FNEND without FUNCTION CALL
;  128          0690  1     BAS$K_ERRTRANEE : UNSIGNED (8);         ! ERROR trap needs RESUME
;  129          0691  1
```

```
;  131          0692  1 GLOBAL ROUTINE BAS$END_DFS_R8 (                       ! end of DEF* frame
;  132          0693  1         ARGLIST                                      ! arg list used to set up the frame
;  133          0694  1     ) : NOVALUE BAS$INIT_LINK =
;  134          0695  1
;  135          0696  1 !++
;  136          0697  1 ! FUNCTIONAL DESCRIPTION:
;  137          0698  1 !
;  138          0699  1 !       Tear down a frame for a BASIC-PLUS-2 DEF*.
;  139          0700  1 !       All heap storage is deallocated.  The argument is the same
;  140          0701  1 !       as for BAS$INIT_DFS_R8, for validity checking.
;  141          0702  1 !
;  142          0703  1 ! FORMAL PARAMETERS:
;  143          0704  1 !
;  144          0705  1 !       ARGLIST.ra.v    List of information used to set up the
;  145          0706  1 !                       frame.  See BASIC-PLUS-2/VAX Description
;  146          0707  1 !                       of Generated Code for details.
;  147          0708  1 !
;  148          0709  1 ! IMPLICIT INPUTS:
;  149          0710  1 !
;  150          0711  1 !       The frame, as set up by BAS$INIT_DFS_R8.
;  151          0712  1 !
;  152          0713  1 ! IMPLICIT OUTPUTS:
;  153          0714  1 !
;  154          0715  1 !       NONE
;  155          0716  1 !
;  156          0717  1 ! ROUTINE VALUE:
;  157          0718  1 !
;  158          0719  1 !       NONE
;  159          0720  1 !
;  160          0721  1 ! COMPLETION CODES:
;  161          0722  1 !
;  162          0723  1 !       NONE
;  163          0724  1 !
;  164          0725  1 ! SIDE EFFECTS:
;  165          0726  1 !
;  166          0727  1 !       Deallocates the heap storage local to this DEF*.
;  167          0728  1 !
;  168          0729  1 !--
;  169          0730  1
;  170          0731  2     BEGIN
;  171          0732  2
;  172          0733  2     EXTERNAL REGISTER
;  173          0734  2         BSF$A_MAJOR_STG : REF BLOCK [0, BYTE],
;  174          0735  2         BSF$A_MINOR_STG : REF BLOCK [0, BYTE],
;  175          0736  2         BSF$A_TEMP_STG : REF VECTOR;
;  176          0737  2
;  177          0738  2     BUILTIN
;  178          0739  2         FP;
;  179          0740  2
;  180          0741  2     MAP
;  181          0742  2         ARGLIST : REF BLOCK [0, BYTE] FIELD (BAS$INIT_ARGS);    ! arg list
;  182          0743  2
;  183          0744  2     REGISTER
;  184          0745  2         FMP : REF BLOCK [0, BYTE] FIELD (BSF$FCD),          ! pointer to FCD
;  185          0746  2         PREV_FMP : REF BLOCK [0, BYTE] FIELD (BSF$FCD); ! previous FCD
;  186          0747  2
;  187          0748  2 !+
```

```
;  188          0749  2 !+
;  189          0750  2 ! First cut back any GOSUB frames.  We wish to make the presence of
;  190          0751  2 ! the GOSUB frame invisible except on traceback.
;  191          0752  2 !-
;  192          0753  2
;  193          0754  2     FMP = .FP;
;  194          0755  2
;  195          0756  2     WHILE (.FMP [BSF$B_PROC_CODE] EQL BSF$K_PROC_GOSB) DO
;  196          0757  3         BEGIN
;  197          0758  3 !+
;  198          0759  3 ! We have a GOSUB frame, remove it.  Note we do not restore any
;  199          0760  3 !  registers it might have saved.
;  200          0761  3 !-
;  201          0762  3
;  202          0763  3         BAS$$UNWIND (.FMP);
;  203          0764  3         PREV_FMP = .FMP [BSF$A_SAVED_FP];
;  204          0765  3
;  205          0766  3         IF (.PREV_FMP [BSF$A_HANDLER] NEQA BAS$HANDLER)
;  206          0767  3         THEN
;  207          0768  3 !+
;  208          0769  3 ! The previous frame is not a BASIC frame.  This is unreasonable
;  209          0770  3 ! since GOSUBs should only be callable from inside a BASIC main
;  210          0771  3 ! procedure.
;  211          0772  3 !-
;  212          0773  3             BAS$$STOP (BAS$K_RETWITGOS);
;  213          0774  3
;  214          0775  3         FMP = .PREV_FMP;
;  215          0776  3         END;
;  216          0777  2
;  217          0778  2 !+
;  218          0779  2 ! Make sure this is a DEF frame.
;  219          0780  2 !-
;  220          0781  2
;  221          0782  2     CASE .FMP [BSF$B_PROC_CODE] FROM BSF$K_PROC_MAIN TO BSF$K_PROC_IOL OF
;  222          0783  2         SET
;  223          0784  2
;  224          0785  2         [BSF$K_PROC_ONER] :
;  225          0786  3             BAS$$STOP (BAS$K_ERRTRANEE);
;  226          0787  2
;  227          0788  2         [BSF$K_PROC_DEFS] :
;  228          0789  3             BEGIN
;  229          0790  3             0
;  230          0791  3             END;
;  231          0792  2
;  232          0793  2         [BSF$K_PROC_MAIN, BSF$K_PROC_SUB, BSF$K_PROC_DEF] :
;  233          0794  3             BAS$$STOP (BAS$K_FNEWITFON);
;  234          0795  2
;  235          0796  2         [INRANGE, OUTRANGE] :
;  236          0797  3             BAS$$STOP (BAS$K_PROLOSSOR);
;  237          0798  2         TES;
;  238          0799  2
;  239          0800  2 !+
;  240          0801  2 ! Check to be sure that this is the correct exit.  This should
;  241          0802  2 ! only fail if the user branches from one DEF* into the body of
;  242          0803  2 ! another.
;  243          0804  2 !-
;  244          0805  2
;  245          0806  2     IF (.FMP [BSF$A_INIT_ARG] NEQA .ARGLIST)
;  246          0807  2     THEN
;  247          0808  2 !+
```

```
;  245          0806  2 ! The argument lists are not at the same address.  This exit must not
;  246          0807  2 ! correspond to the entry.  Signal an error.
;  247          0808  2 !-
;  248          0809  2         BAS$$STOP (BAS$K_FNEWITFUN);
;  249          0810  2
;  250          0811  2 !+
;  251          0812  2 ! Deallocate any temporary string storage.
;  252          0813  2 !-
;  253          0814  2
;  254          0815  2     INCR COUNTER FROM 1 TO .ARGLIST [BAS$L_IN_NO_TST] DO
;  255          0816  2         STR$FREE1_DX_R4 (BSF$A_TEMP_STG [(.COUNTER - 1)*2]);
;  256          0817  2
;  257          0818  2 !+
;  258          0819  2 ! Deallocate local dynamic strings.
;  259          0820  2 !-
;  260          0821  2
;  261          0822  2     INCR COUNTER FROM 1 TO .ARGLIST [BAS$W_IN_NO_DST] DO
;  262          0823  2         STR$FREE1_DX_R4 (.FMP [BSF$A_STR_DESC] + (2*%UPVAL*(.COUNTER - 1)));
;  263          0824  2
;  264          0825  2 !+
;  265          0826  2 ! All done.  The 'RET' instruction done by the compiled code
;  266          0827  2 ! will cut back the stack, so we don't need to do it here.
;  267          0828  2 !-
;  268          0829  2     FP = .FMP;
;  269          0830  2     RETURN;
;  270          0831  1     END;                                    ! of BAS$END_DFS_R8

                                        .TITLE  BAS$END_DFS
                                        .IDENT  \1-004\

                                        .EXTRN  BAS$$STOP, STR$FREE1_DX_R4
                                        .EXTRN  BAS$$UNWIND, BAS$HANDLER
                                        .EXTRN  BAS$K_RETWITGOS
                                        .EXTRN  BAS$K_PROLOSSOR
                                        .EXTRN  BAS$K_NOTIMP, BAS$K_FNEWITFUN
                                        .EXTRN  BAS$K_ERRTRANEE

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

                    57          50  DO 00000 BAS$END_DFS_R8::
                                        MOVL    R0, R7                          ; 0692
                    55          5D  DO 00003                                    ;
                    06    E5    A5  91 00006 1$:      CMPB    -27(FMP), #6      ; 0752
                                29  12 0000A         BNEQ    3$                ; 0754
                                55  DD 0000C         PUSHL   FMP               ;
          00000000G   00        01  FB 0000E         CALLS   #1, BAS$$UNWIND   ; 0760
                    52    0C    A5  D0 00015         MOVL    12(FMP), PREV_FMP ;
                    50 00000000G  00  9E 00019       MOVAB   BAS$HANDLER, R0   ; 0761
                    50            62  D1 00020       CMPL    (PREV_FMP), R0    ; 0763
                                0B  13 00023         BEQL    2$                ;
                    7E    00G     8F  9A 00025       MOVZBL  #BAS$K_RETWITGOS, -(SP) ; 0770
          00000000G   00        01  FB 00029         CALLS   #1, BAS$$STOP     ;
                    55          52  D0 00030 2$:     MOVL    PREV_FMP, FMP     ; 0772
                                D1  11 00033         BRB     1$                ; 0754
              07                01  E5  A5  8F 00035 3$:     CASEB   -27(FMP), #1, #7 ; 0779
    001C        0010        001C        001C  0003A 4$:     .WORD   7$-4$,-   ;
```

```
      0010          0016          0010          0027     00042                      7$-4$,-                               ;
                                                                                    5$-4$,-                               ;
                                                                                    7$-4$,-                               ;
                                                                                    9$-4$,-                               ;
                                                                                    5$-4$,-                               ;
                                                                                    6$-4$,-                               ;
                                                                                    5$-4$                                 ;
                                  7E       00G   8F   9A 0004A 5$:        MOVZBL   #BAS$K_PROLOSSOR, -(SP)              ; 0794
                                                 0A   11 0004E             BRB      8$                                    ;
                                  7E       00G   8F   9A 00050 6$:        MOVZBL   #BAS$K_ERRTRANEE, -(SP)              ; 0783
                                                 04   11 00054             BRB      8$                                    ;
                                  7E       00G   8F   9A 00056 7$:        MOVZBL   #BAS$K_FNEWITFUN, -(SP)              ; 0791
                        00000000G 00             01   FB 0005A 8$:        CALLS    #1, BAS$$STOP                         ;
                                  57       D8    A5   D1 00061 9$:        CMPL     -40(FMP), ARGLIST                     ; 0803
                                                 0B   13 00065             BEQL     10$                                   ;
                                  7E       00G   8F   9A 00067             MOVZBL   #BAS$K_FNEWITFUN, -(SP)              ; 0809
                        00000000G 00             01   FB 0006B             CALLS    #1, BAS$$STOP                         ;
                                                 56   D4 00072 10$:       CLRL     COUNTER                               ; 0816
                                                 0F   11 00074             BRB      12$                                   ;
                   50             56             01   78 00076 11$:       ASHL     #1, COUNTER, R0                       ;
                                  50       F8 A940    DE 0007A             MOVAL    -8(BSF$A_TEMP_STG)[R0], R0            ;
                                     00000000G   00   16 0007F             JSB      STR$FREE1_DX_R4                       ;
                   EC             56       30    A7   F3 00085 12$:       AOBLEQ   48(ARGLIST), COUNTER, 11$             ;
                                  57       28    A7   3C 0008A             MOVZWL   40(ARGLIST), R7                       ; 0822
                                                 56   D4 0008E             CLRL     COUNTER                               ; 0823
                                                 0E   11 00090             BRB      14$                                   ;
                                  50       E0 B546    7E 00092 13$:       MOVAQ    @-32(FMP)[COUNTER], R0                ;
                                  50             08   C2 00097             SUBL2    #8, R0                                ;
                                     00000000G   00   16 0009A             JSB      STR$FREE1_DX_R4                       ;
                   EE             56             57   F3 000A0 14$:       AOBLEQ   R7, COUNTER, 13$                      ;
                                  5D             55   D0 000A4             MOVL     FMP, FP                               ; 0829
                                                      05 000A7             RSB                                            ; 0831

; Routine Size:  168 bytes,    Routine Base:  _BAS$CODE + 0000


;  271          0832  1
;  272          0833  1 END
;  273          0834  1
;  274          0835  0 ELUDOM




;                                PSECT SUMMARY
;
;      Name                    Bytes                      Attributes
;
;  _BAS$CODE                      168  NOVEC,NOWRT, RD , EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
```

```
;                                       COMMAND QUALIFIERS

;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS$:BASENDDFS/OBJ=OBJ$:BASENDDFS MSRC$:BASENDDFS/UPDATE=(ENH$:BASENDDFS
;       )

; Size:         168 code + 0 data bytes
; Run Time:       00:06.1
; Elapsed Time:   00:16.1
; Lines/CPU Min:   8226
; Lexemes/CPU-Min: 29349
; Memory Used:  70 pages
; Compilation Complete
```

BASENDDFS
LIS

BASERROR
LIS

BASENDDEF
LIS

BASEDIT
LIS

BASEND
LIS

BASEDIVP
LIS

BASEMULP
LIS

BASERRTXT
LIS

BASENDGSB
LIS