```
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  RRRRRRRR    UU      UU  NN      NN    IIIIII    NN      NN    IIIIII
BBBBBBBB      AAAAAA      SSSSSSSS  RRRRRRRR    UU      UU  NN      NN    IIIIII    NN      NN    IIIIII
BB      BB   AA    AA   SS        RR      RR  UU      UU  NN      NN      II      NN      NN      II
BB      BB   AA    AA   SS        RR      RR  UU      UU  NN      NN      II      NN      NN      II
BB      BB   AA    AA   SS        RR      RR  UU      UU  NNNN    NN      II      NNNN    NN      II
BB      BB   AA    AA   SS        RR      RR  UU      UU  NNNN    NN      II      NNNN    NN      II
BBBBBBBB     AA    AA     SSSSSS  RRRRRRRR    UU      UU  NN  NN  NN      II      NN  NN  NN      II
BBBBBBBB     AA    AA     SSSSSS  RRRRRRRR    UU      UU  NN  NN  NN      II      NN  NN  NN      II
BB      BB   AAAAAAAAAA         SS  RR  RR      UU      UU  NN    NNNN      II      NN    NNNN      II
BB      BB   AAAAAAAAAA         SS  RR  RR      UU      UU  NN    NNNN      II      NN    NNNN      II
BB      BB   AA    AA           SS  RR    RR    UU      UU  NN      NN      II      NN      NN      II          ....
BB      BB   AA    AA           SS  RR    RR    UU      UU  NN      NN      II      NN      NN      II          ....
BBBBBBBB     AA    AA   SSSSSSSS  RR      RR  UUUUUUUUUU  NN      NN    IIIIII    NN      NN    IIIIII        ....
BBBBBBBB     AA    AA   SSSSSSSS  RR      RR  UUUUUUUUUU  NN      NN    IIIIII    NN      NN    IIIIII        ....

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$RUN_INIT (                        ! Initialize for RUN
;     2          0002  0                 IDENT = '1-010'              ! File: BASRUNINI.B32 Edit: JBS1010
;     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.                    *
;    10          0010  1 !*  ALL RIGHTS RESERVED.                                                      *
;    11          0011  1 !*                                                                           *
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;    13          0013  1 !*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE     *
;    14          0014  1 !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER      *
;    15          0015  1 !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY     *
;    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     *
;    21          0021  1 !*  CORPORATION.                                                              *
;    22          0022  1 !*                                                                           *
;    23          0023  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS     *
;    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 ! FACILITY:  BASIC-PLUS-2 Miscellaneous
;    32          0032  1 !
;    33          0033  1 ! ABSTRACT:
;    34          0034  1 !
;    35          0035  1 !       This module is used by the BASIC compiler's RUN command to
;    36          0036  1 !       initialize the user environment.
;    37          0037  1 !
;    38          0038  1 ! ENVIRONMENT:  VAX-11 User Mode
;    39          0039  1 !
;    40          0040  1 ! AUTHOR: John Sauter, CREATION DATE: 04-JUN-1979
;    41          0041  1 !
;    42          0042  1 ! MODIFIED BY:
;    43          0043  1 !
;    44          0044  1 ! 1-001 - Original.
;    45          0045  1 ! 1-002 - Unstack all recursive I/O before closing files.
;    46          0046  1 !         JBS 07-JUN-1979
;    47          0047  1 ! 1-003 - Add call to BAS$$CTRLC_INIT.  JBS 22-JUN-1979
;    48          0048  1 ! 1-004 - Change BAS$$DET_INIT to BAS$$DET_STORE.  JBS 16-JUL-1979
;    49          0049  1 ! 1-005 - Change BAS$$DET_STORE to BAS$$STORE_DET.  JBS 25-JUL-1979
;    50          0050  1 ! 1-006 - Change OTS$$CLOSE_ALL to BAS$$CLOSE_ALL.  JBS 21-AUG-1979
;    51          0051  1 ! 1-007 - Call BAS$$CB_GET so this module need not be in the sharable
;    52          0052  1 !         library.  JBS 22-AUG-1979
;    53          0053  1 ! 1-008 - Call BAS$$STOP_INIT.  JBS 14-SEP-1979
;    54          0054  1 ! 1-009 - Do an RMS $WAIT on each RAB popped, in case we are at AST
;    55          0055  1 !         level.  JBS 27-SEP-1979
;    56          0056  1 ! 1-010 - Call BAS$$STORE_DET correctly.  JBS 12-DEC-1979
;    57          0057  1 !--
```

```
;    58          0058  1
;    59          0059  1 !<BLF/PAGE>
```

```
;    61          0060  1 !
;    62          0061  1 ! SWITCHES:
;    63          0062  1 !
;    64          0063  1
;    65          0064  1 SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
;    66          0065  1
;    67          0066  1 !
;    68          0067  1 ! LINKAGES:
;    69          0068  1 !
;    70          0069  1
;    71          0070  1 REQUIRE 'RTLIN:OTSLNK';                         ! Define all OTS linkages
;    72          0499  1
;    73          0500  1 !
;    74          0501  1 ! TABLE OF CONTENTS:
;    75          0502  1 !
;    76          0503  1
;    77          0504  1 FORWARD ROUTINE
;    78          0505  1     BAS$RUN_INIT : NOVALUE;                     ! Initialize environment
;    79          0506  1
;    80          0507  1 !
;    81          0508  1 ! INCLUDE FILES:
;    82          0509  1 !
;    83          0510  1
;    84          0511  1 REQUIRE 'RTLML:OTSLUB';                         ! Logical unit block definitions
;    85          0651  1
;    86          0652  1 REQUIRE 'RTLIN:RTLPSECT';                       ! Macros for defining psects
;    87          0747  1
;    88          0748  1 LIBRARY 'RTLSTARLE';                            ! System symbols
;    89          0749  1
;    90          0750  1 !
;    91          0751  1 ! MACROS:
;    92          0752  1 !
;    93          0753  1 !       NONE
;    94          0754  1 !
;    95          0755  1 ! EQUATED SYMBOLS:
;    96          0756  1 !
;    97          0757  1 !       NONE
;    98          0758  1 !
;    99          0759  1 ! PSECTS:
;   100          0760  1 !
;   101          0761  1 DECLARE_PSECTS (BAS);                           ! Declare psects for BAS$ facility
;   102          0762  1
;   103          0763  1 ! OWN STORAGE:
;   104          0764  1 !
;   105          0765  1 !       NONE
;   106          0766  1 !
;   107          0767  1 ! EXTERNAL REFERENCES:
;   108          0768  1 !
;   109          0769  1
;   110          0770  1 EXTERNAL ROUTINE
;   111          0771  1     BAS$$STOP : NOVALUE,                        ! Signal fatal BASIC error
;   112          0772  1     BAS$$CB_POP : JSB_CB_POP NOVALUE,           ! Done with register CCB
;   113          0773  1     BAS$$CB_GET : JSB_CB_GET NOVALUE,           ! Fetch current CCB
;   114          0774  1 !+
;   115          0775  1 ! Note: some of the following initialization entry points are marked weak
;   116          0776  1 ! so they will not be loaded if they are not needed.
;   117          0777  1 !-
```

```
;  118          0778  1     BAS$$CTRLC_INIT : NOVALUE,                ! Set up control C for RUN
;  119          0779  1     BAS$$STORE_DET : NOVALUE WEAK,            ! Initialize DET
;  120          0780  1     BAS$$NUM_INIT : NOVALUE WEAK,             ! Initialize NUM
;  121          0781  1     BAS$$NUM2_INIT : NOVALUE WEAK,            ! Initialize NUM2
;  122          0782  1     BAS$$RAND_INIT : NOVALUE WEAK,            ! Initialize random number
;  123          0783  1     BAS$$RECOD_INIT : NOVALUE WEAK,           ! Initialize RECOUNT
;  124          0784  1     BAS$$STATU_INIT : NOVALUE WEAK,           ! Initialize STATUS
;  125          0785  1     BAS$$ERR_INIT : NOVALUE WEAK,             ! Initialize error flag
;  126          0786  1     BAS$$FIELD_INIT : NOVALUE WEAK,           ! Initialize FIELD variables
;  127          0787  1     BAS$$STOP_INIT : NOVALUE WEAK,            ! Initialize STOP statement
;  128          0788  1     BAS$$CLOSE_ALL : NOVALUE;                 ! Close all files
;  129          0789  1
;  130          0790  1 !+
;  131          0791  1 ! The following are the error codes used in this module.
;  132          0792  1 !-
;  133          0793  1
;  134          0794  1 EXTERNAL LITERAL
;  135          0795  1     BAS$K_PROLOSSOR : UNSIGNED (8);           ! Program lost, sorry
;  136          0796  1
```

```
;  138          0797  1 GLOBAL ROUTINE BAS$RUN_INIT : NOVALUE =          ! Initialize for RUN command
;  139          0798  1
;  140          0799  1 !++
;  141          0800  1 ! FUNCTIONAL DESCRIPTION:
;  142          0801  1 !
;  143          0802  1 !       Initialize the environment for the RUN command.  All of the OWN
;  144          0803  1 !       storage must be set to its initial state, in case this is not
;  145          0804  1 !       the first RUN command.
;  146          0805  1 !
;  147          0806  1 ! FORMAL PARAMETERS:
;  148          0807  1 !
;  149          0808  1 !       NONE
;  150          0809  1 !
;  151          0810  1 ! IMPLICIT INPUTS:
;  152          0811  1 !
;  153          0812  1 !       NONE
;  154          0813  1 !
;  155          0814  1 ! IMPLICIT OUTPUTS:
;  156          0815  1 !
;  157          0816  1 !       NONE
;  158          0817  1 !
;  159          0818  1 ! ROUTINE VALUE:
;  160          0819  1 ! COMPLETION CODES:
;  161          0820  1 !
;  162          0821  1 !       NONE
;  163          0822  1 !
;  164          0823  1 ! SIDE EFFECTS:
;  165          0824  1 !
;  166          0825  1 !       A lot of OWN storage is initialized, by calling subroutines.
;  167          0826  1 !       If any of the initialization routines are not present, an error
;  168          0827  1 !       is signaled.  I/O system problems can also be signaled.
;  169          0828  1 !
;  170          0829  1 !--
;  171          0830  1
;  172          0831  2     BEGIN
;  173          0832  2
;  174          0833  2     GLOBAL REGISTER
;  175          0834  2         CCB = K_CCB_REG : REF BLOCK [, BYTE];
;  176          0835  2
;  177          0836  2 !+
;  178          0837  2 ! Undo all recursive I/O.  This will fail if there is any non-BASIC I/O
;  179          0838  2 ! in progress, but this routine is only supposed to be used in a BASIC-only
;  180          0839  2 ! environment.
;  181          0840  2 !-
;  182          0841  2
;  183          0842  2     WHILE (BAS$$CB_GET (); .CCB NEQA 0) DO
;  184          0843  3         BEGIN
;  185          0844  3 !+
;  186          0845  3 ! Issue a $WAIT to be sure that RMS is not using the RAB.
;  187          0846  3 !-
;  188          0847  3         $WAIT (RAB = .CCB);
;  189          0848  3         BAS$$CB_POP ();
;  190          0849  2         END;
;  191          0850  2
;  192          0851  2 !+
;  193          0852  2 ! Close all files.  The compiler guarantees not to need
;  194          0853  2 ! any files open when calling this routine.
```

```
;  195          0854  2 !-
;  196          0855  2     BAS$$CLOSE_ALL ();
;  197          0856  2 !+
;  198          0857  2 ! Now, call each initialization routine.
;  199          0858  2 !-
;  200          0859  2
;  201          0860  2     IF (BAS$$STORE_DET NEQA 0) THEN BAS$$STORE_DET (UPLIT (0, 0)) ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  202          0861  2
;  203          0862  2     IF (BAS$$NUM_INIT NEQA 0) THEN BAS$$NUM_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  204          0863  2
;  205          0864  2     IF (BAS$$NUM2_INIT NEQA 0) THEN BAS$$NUM2_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  206          0865  2
;  207          0866  2     IF (BAS$$RAND_INIT NEQA 0) THEN BAS$$RAND_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  208          0867  2
;  209          0868  2     IF (BAS$$RECOU_INIT NEQA 0) THEN BAS$$RECOU_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  210          0869  2
;  211          0870  2     IF (BAS$$STATU_INIT NEQA 0) THEN BAS$$STATU_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  212          0871  2
;  213          0872  2     IF (BAS$$ERR_INIT NEQA 0) THEN BAS$$ERR_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  214          0873  2
;  215          0874  2     IF (BAS$$FIELD_INIT NEQA 0) THEN BAS$$FIELD_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  216          0875  2
;  217          0876  2     IF (BAS$$STOP_INIT NEQA 0) THEN BAS$$STOP_INIT () ELSE BAS$$STOP (BAS$K_PROLOSSOR);
;  218          0877  2
;  219          0878  2 !+
;  220          0879  2 ! Initialize control C handling for the RUN environment.
;  221          0880  2 !-
;  222          0881  2     BAS$$CTRLC_INIT ();
;  223          0882  1     END;                                    ! of routine BAS$RUN_INIT


                                        .TITLE  BAS$RUN_INIT
                                        .IDENT  \1-010\

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

00000000  00000000  00000 P.AAA:       .LONG   0, 0                                            ;

                                        .EXTRN  BAS$$STOP, BAS$$CB_POP
                                        .EXTRN  BAS$$CB_GET, BAS$$CTRLC_INIT
                                        .EXTRN  BAS$$CLOSE_ALL, BAS$K_PROLOSSOR
                                        .EXTRN  SYS$WAIT
                                        .WEAK   BAS$$STORE_DET, BAS$$NUM_INIT
                                        .WEAK   BAS$$NUM2_INIT, BAS$$RAND_INIT
                                        .WEAK   BAS$$RECOU_INIT
                                        .WEAK   BAS$$STATU_INIT
                                        .WEAK   BAS$$ERR_INIT, BAS$$FIELD_INIT
                                        .WEAK   BAS$$STOP_INIT

                    0FFC 00000          .ENTRY  BAS$RUN_INIT, Save R2,R3,R4,R5,R6,R7,R8,R9,-; 0797
                                                R10,R11                                         ;
5A 00000000G   00   9E 00002            MOVAB   BAS$$ERR_INIT, R10                              ;
59 00000000G   00   9E 00009            MOVAB   BAS$$STATU_INIT, R9                             ;
58 00000000G   00   9E 00010            MOVAB   BAS$$RECOU_INIT, R8                             ;
57 00000000G   00   9E 00017            MOVAB   BAS$$RAND_INIT, R7                              ;
56 00000000G   00   9E 0001E            MOVAB   BAS$$NUM2_INIT, R6                              ;
55 00000000G   00   9E 00025            MOVAB   BAS$$NUM_INIT, R5                               ;
```

```
                54 00000000G   00  9E 0002C          MOVAB   BAS$$STORE_DET, R4                    ;
                53        00G  8F  9A 00033          MOVZBL  #BAS$K_PROCESSOR, R3                 ;
                52 00000000G   00  9E 00037          MOVAB   BAS$$STOP, R2                        ;
                   00000000G   00  16 0003E 1$:      JSB     BAS$$CB_GET                          ; 0842
                               5B  D5 00044          TSTL    CCB                                  ;
                               11  13 00046          BEQL    2$                                   ;
                               5B  DD 00048          PUSHL   CCB                                  ; 0847
00000000G       00                 FB 0004A          CALLS   #1, SYS$WAIT                         ;
                   00000000G   00  16 00051          JSB     BAS$$CB_POP                          ; 0848
                               E5  11 00057          BRB     1$                                   ; 0842
00000000G       00                 FB 00059 2$:      CALLS   #0, BAS$$CLOSE_ALL                   ; 0855
                50                 9E 00060          MOVAB   BAS$$STORE_DET, R0                   ; 0860
                               08  13 00063          BEQL    3$                                   ;
                         90    AF  9F 00065          PUSHAB  P.AAA                                ;
                64             01  FB 00068          CALLS   #1, BAS$$STORE_DET                   ;
                               06  11 0006B          BRB     4$                                   ;
                7E             53  9A 0006D 3$:      MOVZBL  R3, -(SP)                            ;
                62             01  FB 00070          CALLS   #1, BAS$$STOP                        ;
                50             65  9E 00073 4$:      MOVAB   BAS$$NUM_INIT, R0                    ; 0862
                               05  13 00076          BEQL    5$                                   ;
                65             00  FB 00078          CALLS   #0, BAS$$NUM_INIT                    ;
                               06  11 0007B          BRB     6$                                   ;
                7E             53  9A 0007D 5$:      MOVZBL  R3, -(SP)                            ;
                62             01  FB 00080          CALLS   #1, BAS$$STOP                        ;
                50             66  9E 00083 6$:      MOVAB   BAS$$NUM2_INIT, R0                   ; 0864
                               05  13 00086          BEQL    7$                                   ;
                66             00  FB 00088          CALLS   #0, BAS$$NUM2_INIT                   ;
                               06  11 0008B          BRB     8$                                   ;
                7E             53  9A 0008D 7$:      MOVZBL  R3, -(SP)                            ;
                62             01  FB 00090          CALLS   #1, BAS$$STOP                        ;
                50             67  9E 00093 8$:      MOVAB   BAS$$RAND_INIT, R0                   ; 0866
                               05  13 00096          BEQL    9$                                   ;
                67             00  FB 00098          CALLS   #0, BAS$$RAND_INIT                   ;
                               06  11 0009B          BRB     10$                                  ;
                7E             53  9A 0009D 9$:      MOVZBL  R3, -(SP)                            ;
                62             01  FB 000A0          CALLS   #1, BAS$$STOP                        ;
                50             68  9E 000A3 10$:     MOVAB   BAS$$RECOU_INIT, R0                  ; 0868
                               05  13 000A6          BEQL    11$                                  ;
                68             00  FB 000A8          CALLS   #0, BAS$$RECOU_INIT                  ;
                               06  11 000AB          BRB     12$                                  ;
                7E             53  9A 000AD 11$:     MOVZBL  R3, -(SP)                            ;
                62             01  FB 000B0          CALLS   #1, BAS$$STOP                        ;
                50             69  9E 000B3 12$:     MOVAB   BAS$$STATU_INIT, R0                  ; 0870
                               05  13 000B6          BEQL    13$                                  ;
                69             00  FB 000B8          CALLS   #0, BAS$$STATU_INIT                  ;
                               06  11 000BB          BRB     14$                                  ;
                7E             53  9A 000BD 13$:     MOVZBL  R3, -(SP)                            ;
                62             01  FB 000C0          CALLS   #1, BAS$$STOP                        ;
                50             6A  9E 000C3 14$:     MOVAB   BAS$$ERR_INIT, R0                    ; 0872
                               05  13 000C6          BEQL    15$                                  ;
                6A             00  FB 000C8          CALLS   #0, BAS$$ERR_INIT                    ;
                               06  11 000CB          BRB     16$                                  ;
                7E             53  9A 000CD 15$:     MOVZBL  R3, -(SP)                            ;
                62             01  FB 000D0          CALLS   #1, BAS$$STOP                        ;
                50 00000000G   00  9E 000D3 16$:     MOVAB   BAS$$FIELD_INIT, R0                  ; 0874
                               09  13 000DA          BEQL    17$                                  ;
00000000G       00                 FB 000DC          CALLS   #0, BAS$$FIELD_INIT                  ;
```

```
                                   06  11 000E3       BRB     18$                              ;
                    7E             53  9A 000E5 17$:  MOVZBL  R3, -(SP)                        ;
                    62             01  FB 000E8       CALLS   #1, BAS$$STOP                    ;
                    50 00000000G   00  9E 000EB 18$:  MOVAB   BAS$$STOP_INIT, R0               ; 0876
                                   09  13 000F2       BEQL    19$                              ;
          00000000G 00             00  FB 000F4       CALLS   #0, BAS$$STOP_INIT               ;
                                   06  11 000FB       BRB     20$                              ;
                    7E             53  9A 000FD 19$:  MOVZBL  R3, -(SP)                        ;
                    62             01  FB 00100       CALLS   #1, BAS$$STOP                    ;
          00000000G 00             00  FB 00103 20$:  CALLS   #0, BAS$$CTRLC_INIT              ; 0881
                                       04 0010A       RET                                      ; 0882

; Routine Size:  267 bytes,    Routine Base:  _BAS$CODE + 0008

;  224        0883  1
;  225        0884  1 END                                          ! of module BAS$RUN_INIT
;  226        0885  1
;  227        0886  0 ELUDOM
```

```
;                                PSECT SUMMARY
;
;       Name                         Bytes                     Attributes
;
;  _BAS$CODE                            275  NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)
```

```
;                          Library Statistics
;
;                                           -------- Symbols --------      Pages      Processing
;       File                                Total    Loaded   Percent      Mapped     Time
;
;  _$255$DUA28:[SYSLIB]STARLET.L32;1         9776         3         0        581       00:01.1
```

```
;                                COMMAND QUALIFIERS
;
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS$:BASRUNINI/OBJ=OBJ$:BASRUNINI MSRC$:BASRUNINI/UPDATE=(ENH$:BASRUNINI
;       )

; Size:          267 code + 8 data bytes
; Run Time:         00:08.3
; Elapsed Time:     00:18.1
; Lines/CPU Min:     6397
; Lexemes/CPU-Min: 32657
```

```
; Memory Used:  115 pages
; Compilation Complete
```