SORT 32

FILEID**SFKEYWRD

```
SSSSSSSS   FFFFFFFFFF  KK      KK  EEEEEEEEEE  YY      YY  WW         WW  RRRRRRR    DDDDDDD
SSSSSSSS   FFFFFFFFFF  KK      KK  EEEEEEEEEE  YY      YY  WW         WW  RRRRRRRR   DDDDDDD
SS         FF          KK    KK    EE           YY    YY   WW         WW  RR     RR  DD     DD
SS         FF          KK   KK     EE           YY    YY   WW         WW  RR     RR  DD     DD
SS         FF          KK  KK      EE            YY  YY    WW         WW  RR     RR  DD     DD
SSSSSS     FFFFFFFF    KKKKK       EEEEEEE        YY  YY   WW         WW  RRRRRRR    DD     DD
SSSSSS     FFFFFFF     KKKKK       EEEEEEE         YYYY    WW         WW  RRRRRRR    DD     DD
      SS   FF          KK  KK      EE              YY      WW   WW    WW  RR   RR    DD     DD
      SS   FF          KK   KK     EE              YY      WW   WW    WW  RR    RR   DD     DD
      SS   FF          KK    KK    EE              YY      WWWW    WWWW   RR     RR  DD     DD
      SS   FF          KK      KK  EE              YY      WWWW    WWWW   RR     RR  DD     DD
SSSSSSSS   FF          KK      KK  EEEEEEEEEE      YY      WW         WW  RR     RR  DDDDDDD      ....
SSSSSSSS   FF          KK      KK  EEEEEEEEEE      YY      WW         WW  RR     RR  DDDDDDD      ....
                                                                                                ....
                                                                                                ....
```

```
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
```

```
0001  0   ! File: SFKEYWRD.REQ IDENT = 'V04-000'  ! File: SFKEYWRD.REQ Edit: PDG3006
0002  0
0003  0   !*********************************************************************
0004  0   !*                                                                   *
0005  0   !*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                         *
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0013  0   !*   OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY  *
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0021  0   !*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.         *
0022  0   !*                                                                   *
0023  0   !*                                                                   *
0024  0   !*********************************************************************
0025  0
0026  0
0027  0   !++
0028  0
0029  0   ! FACILITY:       VAX-11 SORT / MERGE
0030  0   !                 PDP-11 SORT / MERGE
0031  0
0032  0   ! ABSTRACT:
0033  0
0034  0   !      Require file to define spec file keywords.
0035  0
0036  0   ! ENVIRONMENT:  VAX/VMS user mode
0037  0
0038  0   ! AUTHOR: V. Bennison
0039  0
0040  0   ! MODIFIED BY:
0041  0
0042  0   !     T03-002 Peter D Gilbert
0043  0   !             Add ZONED, change PACKED to PACKED DECIMAL.  PDG 10-Jan-1983
0044  0   !     T03-003 Add CDD_PATH_NAME and PAD.  PDG 8-Feb-1983
0045  0   !     T03-004 Correct spelling of TRAILING SIGN.  PDG 2-Mar-1983
0046  0   !     T03-005 Change DEC_MULTINATIONAL to MULTINATIONAL.  PDG 13-Apr-1983
0047  0   !     T03-006 Add DTYPE.  19-May-1983
0048  0   !--
```

```
0049   0    ! This require file contains the symbolic names and strings that define the
0050   0    ! PDP-11 SORT/MERGE Version 3.0 specification file keywords.  This file is
0051   0    ! required by module $SFWRD, the specification file keyword module.
0052   0    !
0053   0    ! The text appears in the following format:  under the KEYWORDS MACRO
0054   0    ! definition are a number of sets of two strings.  The first string in
0055   0    ! each set is the symbolic keyword name.  This will be assigned a sequential
0056   0    ! number at compile time.  The second string is the actual keyword used by the
0057   0    ! parser.  Note that some actual keywords may be prefixes of other keywords
0058   0    ! (for example, ASCII and ASCII_FLOATING, LE and LEADING_SIGN).
0059   0    !
0060   0    ! ****** TRANSLATION INSTRUCTIONS ******
0061   0    !
0062   0    ! Specification file keywords for PDP-11 SORT/MERGE may be translated into
0063   0    ! foreign languages.  In order to do this, the keyword string, the second
0064   0    ! string in each of the following sets, should be translated.  $SFWRD may then
0065   0    ! be recompiled using BLISS-16.  PDP-11 SORT/MERGE should then be rebuilt with
0066   0    ! the task-builder.
0067   0    !
0068   0    ! CAUTION - CAUTION - CAUTION - CAUTION - CAUTION - CAUTION - CAUTION
0069   0    !
0070   0    ! ONLY THE KEYWORD  STRING MAY BE TRANSLATED.  IF THE FIRST STRING IN EACH
0071   0    ! SET, THE SYMBOLIC MESSAGE NAME, IS CHANGED, THE PDP-11 SORT/MERGE
0072   0    ! SPECIFICATION FILE PARSER WILL NOT OPERATE CORRECTLY.
0073   0    !
0074   0    ! RESTRICTION:  THE MAXIMUM LENGTH OF ANY KEYWORD IS 256 BYTES.  THIS IS
0075   0    ! BECAUSE THE MESSAGE TEXT MODULE USES THE BLISS %ASCIC FUNCTION TO BUILD
0076   0    ! COUNTED STRINGS.
0077   0    !
0078   0    ! CHANGING THE LENGTH OF THE KEYWORD STRINGS WILL HAVE AN AFFECT ON THE
0079   0    ! SIZE OF THE FINAL TASK.  MANY LONG STRINGS MAY MAKE THE FINAL SORT/MERGE
0080   0    ! TASK LARGER THAN THE TASK ORIGINALLY SHIPPED.
0081   0    !
```

```
0082    0   !
0083    0   !   NOTE - THE SYMBOLIC KEYWORD NAME MUST NOT EXCEED 6 BYTES
0084    0   !
0085    0   !   PLEASE USE THE EXAMPLE PRESENTED BELOW AS A GUIDE FOR FORMATTING LINES
0086    0   !
0087    0   !           'DUMMYA',         'DUMMY MESSAGE FOR FORMATTING GUIDE',
0088    0   !
0089    0       MACRO
0090    0           KEYWORDS =
0091    0               'PROC', 'PROCESS'               ,   !process
0092    0               'RECD', 'RECORD'                ,   !record sort process
0093    0               'TAG',  'TAG'                   ,   !tag sort process
0094    0               'ADDR', 'ADDRESS'               ,   !address sort process
0095    0               'INDX', 'INDEX'                 ,   !index sort process
0096    0               'STAB', 'STABLE'                ,   !stable
0097    0               'NOST', 'NOSTABLE'              ,   !no stable
0098    0               'CHSQ', 'CHECK_SEQUENCE'        ,   !check sequence
0099    0               'NOCH', 'NOCHECK_SEQUENCE'      ,   !no check sequence
0100    0               'COLL', 'COLLATING_SEQUENCE'    ,   !collating sequence
0101    0               'SEQU', 'SEQUENCE'              ,   !sequence
0102    0               'ASC',  'ASCII'                 ,   !ascii collating sequence
0103    0               'EBC',  'EBCDIC'                ,   !ebcdic
0104    0               'DEC',  'MULTINATIONAL'         ,   !multinational
0105    0               'MODF', 'MODIFICATION'          ,   !modification
0106    0               'IGNO', 'IGNORE'                ,   !ignore
0107    0               'FOLD', 'FOLD'                  ,   !fold
0108    0               'TIEB', 'TIE_BREAK'             ,   !tiebreak
0109    0               'NOTI', 'NOTIE_BREAK'           ,   !no tiebreak
0110    0               'FIEL', 'FIELD'                 ,   !field
0111    0               'NAME', 'NAME'                  ,   !name
0112    0               'SIZE', 'SIZE'                  ,   !size
0113    0               'POSI', 'POSITION'              ,   !position
0114    0               'DIGI', 'DIGITS'                ,   !digits
0115    0               'ASCF', 'ASCII_FLOATING'        ,   !ascii floating data type
0116    0               'ASCZ', 'ASCII_ZONED'           ,   !ascii zone data type
0117    0               'BINA', 'BINARY'                ,   !binary data type
0118    0               'CHAR', 'CHARACTER'             ,   !character
0119    0               'DECI', 'DECIMAL'               ,   !decimal
0120    0               'DIBO', 'DIBOL'                 ,   !dibol
0121    0               'FFLT', 'F_FLOATING'            ,   !f floating
0122    0               'DFLT', 'D_FLOATING'            ,   !d floating
0123    0               'GFLT', 'G_FLOATING'            ,   !g floating
0124    0               'HFLT', 'H_FLOATING'            ,   !h floating
0125    0               'PACK', 'PACKED_DECIMAL'        ,   !packed decimal
0126    0               'ZONE', 'ZONED'                 ,   !zoned
0127    0               'SIGN', 'SIGNED'                ,   !signed
0128    0               'UNSI', 'UNSIGNED'              ,   !unsigned
0129    0               'LEAD', 'LEADING_SIGN'          ,   !leading sign
0130    0               'TRAI', 'TRAILING_SIGN'         ,   !trailing sign
0131    0               'OVER', 'OVERPUNCHED_SIGN'      ,   !overpunched sign
0132    0               'SEPA', 'SEPARATE_SIGN'         ,   !separate sign
0133    0               'INCL', 'INCLUDE'               ,   !include
0134    0               'OMIT', 'OMIT'                  ,   !omit
0135    0               'KEY',  'KEY'                   ,   !key
0136    0               'IF',   'IF'                    ,   !if
0137    0               'THEN', 'THEN'                  ,   !then
0138    0               'ELSE', 'ELSE'                  ,   !else
```

```
; M 0139  0          'ASCE', 'ASCENDING'          . !ascending
; M 0140  0          'DESC', 'DESCENDING'         . !descending
; M 0141  0          'DATA', 'DATA'               . !data
; M 0142  0          'COND', 'CONDITION'          . !condition
; M 0143  0          'TEST', 'TEST'               . !test
; M 0144  0          'EQ',   'EQ'                 . !equal
; M 0145  0          'NE',   'NE'                 . !not equal
; M 0146  0          'LE',   'LE'                 . !less than or equal
; M 0147  0          'LT',   'LT'                 . !less than
; M 0148  0          'GE',   'GE'                 . !greater than or equal
; M 0149  0          'GT',   'GT'                 . !greater than
; M 0150  0          'AND',  'AND'                . !and
; M 0151  0          'OR',   'OR'                 . !or
; M 0152  0          'WORK', 'WORK_FILES'         . !work_files
; M 0153  0          'CDD',  'CDD_PATH_NAME'      . !cdd_path_name
; M 0154  0          'PAD',  'PAD'                . !pad
; M 0155  0          'DTYP', 'DTYPE'              . !dtype
;   0156  0          'UNKN', '' %;        ! LAST KEYWORD - DO NOT CHANGE
```

```
;

;                          COMMAND QUALIFIERS

;

;       BLISS SRC$:SFKEYWRD/LIS=LIS$:SFKEYWRD/LIB=SRC$:SFKEYWRD

; Run Time:          00:01.1
; Elapsed Time:      00:05.3
; Lines/CPU Min:       8357
; Lexemes/CPU-Min: 14678
; Memory Used:   11 pages
; Library Precompilation Complete
```