FORRTL

FORIOSDEF

SDL

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{ FORIOSDEF.SDL - Define FOR$IOS_ constant values
{ Edit: SBL2001
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{ 2-001 - Converted from FORIOSDEF.FOR into SDL.  SBL 23-AUG-1982

MODULE $FORIOSDEF;
/*
/*       Define FORTRAN error numbers for use with IOSTAT and ERRSNS
/*

         CONSTANT NOTFORSPE EQUALS 1 PREFIX FOR TAG $IOS;        /* not a FORTRAN specific error
                                                                 /* ERRSNS only - IOSTAT can not
                                                                 /* return this value.

         CONSTANT SYNERRNAM EQUALS 17 PREFIX FOR TAG $IOS;       /* syntax error in NAMELIST input
         CONSTANT TOOMANVAL EQUALS 18 PREFIX FOR TAG $IOS;       /* too many values for NAMELIST variable
         CONSTANT INVREFVAR EQUALS 19 PREFIX FOR TAG $IOS;       /* invalid reference to variable
         CONSTANT REWERR    EQUALS 20 PREFIX FOR TAG $IOS;       /* REWIND error
         CONSTANT DUPFILSPE EQUALS 21 PREFIX FOR TAG $IOS;       /* duplicate file specifications
         CONSTANT INPRECTOO EQUALS 22 PREFIX FOR TAG $IOS;       /* input record too long
         CONSTANT BACERR    EQUALS 23 PREFIX FOR TAG $IOS;       /* BACKSPACE error
         CONSTANT ENDDURREA EQUALS 24 PREFIX FOR TAG $IOS;       /* end-of-file during read
                                                                 /* (ERRSNS only - IOSTAT returns
                                                                 /* a negative value for this error)

         CONSTANT RECNUMOUT EQUALS 25 PREFIX FOR TAG $IOS;       /* record number outside range
         CONSTANT OPEDEFREQ EQUALS 26 PREFIX FOR TAG $IOS;       /* OPEN or DEFINE FILE required
         CONSTANT TOOMANREC EQUALS 27 PREFIX FOR TAG $IOS;       /* too many records in I/O statement
         CONSTANT CLOERR    EQUALS 28 PREFIX FOR TAG $IOS;       /* CLOSE error
         CONSTANT FILNOTFOU EQUALS 29 PREFIX FOR TAG $IOS;       /* file not found

         CONSTANT OPEFAI    EQUALS 30 PREFIX FOR TAG $IOS;       /* open failure
         CONSTANT MIXFILACC EQUALS 31 PREFIX FOR TAG $IOS;       /* mixed file access modes
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CONSTANT INVLOGUNI EQUALS 32 PREFIX FOR TAG $IOS;        /*  invalid logical unit number
CONSTANT ENDFILERR EQUALS 33 PREFIX FOR TAG $IOS;        /*  ENDFILE error
CONSTANT UNIALROPE EQUALS 34 PREFIX FOR TAG $IOS;        /*  unit already open
CONSTANT SEGRECFOR EQUALS 35 PREFIX FOR TAG $IOS;        /*  segmented record format error
CONSTANT ATTACCNON EQUALS 36 PREFIX FOR TAG $IOS;        /*  attempt to access non-existent record
CONSTANT INCRECLEN EQUALS 37 PREFIX FOR TAG $IOS;        /*  inconsistent record length
CONSTANT ERRDURWRI EQUALS 38 PREFIX FOR TAG $IOS;        /*  error during write
CONSTANT ERRDURREA EQUALS 39 PREFIX FOR TAG $IOS;        /*  error during read

CONSTANT RECIO_OPE EQUALS 40 PREFIX FOR TAG $IOS;        /*  recursive I/O operation
CONSTANT INSVIRMEM EQUALS 41 PREFIX FOR TAG $IOS;        /*  insufficient virtual memory
CONSTANT NO_SUCDEV EQUALS 42 PREFIX FOR TAG $IOS;        /*  no such device
CONSTANT FILNAMSPE EQUALS 43 PREFIX FOR TAG $IOS;        /*  file name specification error
CONSTANT INCRECTYP EQUALS 44 PREFIX FOR TAG $IOS;        /*  inconsistent record type
CONSTANT KEYVALERR EQUALS 45 PREFIX FOR TAG $IOS;        /*  keyword value error in OPEN statement
CONSTANT INCOPECLO EQUALS 46 PREFIX FOR TAG $IOS;        /*  inconsistent OPEN/CLOSE parameters
CONSTANT WRIREAFIL EQUALS 47 PREFIX FOR TAG $IOS;        /*  write to READONLY file
CONSTANT INVARGFOR EQUALS 48 PREFIX FOR TAG $IOS;        /*  invalid argument to FORTRAN Run-Time Library

CONSTANT INVKEYSPE EQUALS 49 PREFIX FOR TAG $IOS;        /*  invalid key specification
CONSTANT INCKEYCHG EQUALS 50 PREFIX FOR TAG $IOS;        /*  inconsistent key change or duplicate key
CONSTANT INCFILORG EQUALS 51 PREFIX FOR TAG $IOS;        /*  inconsistent file organization
CONSTANT SPERECLOC EQUALS 52 PREFIX FOR TAG $IOS;        /*  specified record locked
CONSTANT NO_CURREC EQUALS 53 PREFIX FOR TAG $IOS;        /*  no current record
CONSTANT REWRITERR EQUALS 54 PREFIX FOR TAG $IOS;        /*  REWRITE error
CONSTANT DELERR    EQUALS 55 PREFIX FOR TAG $IOS;        /*  DELETE error
CONSTANT UNLERR    EQUALS 56 PREFIX FOR TAG $IOS;        /*  UNLOCK error
CONSTANT FINERR    EQUALS 57 PREFIX FOR TAG $IOS;        /*  FIND error

CONSTANT LISIO_SYN EQUALS 59 PREFIX FOR TAG $IOS;        /*  list-directed I/O syntax error
CONSTANT INFFORLOO EQUALS 60 PREFIX FOR TAG $IOS;        /*  infinite format loop
CONSTANT FORVARMIS EQUALS 61 PREFIX FOR TAG $IOS;        /*  format/variable-type mismatch
CONSTANT SYNERRFOR EQUALS 62 PREFIX FOR TAG $IOS;        /*  syntax error in format
CONSTANT OUTCONERR EQUALS 63 PREFIX FOR TAG $IOS;        /*  output conversion error
CONSTANT INPCONERR EQUALS 64 PREFIX FOR TAG $IOS;        /*  input conversion error
CONSTANT OUTSTAOVE EQUALS 66 PREFIX FOR TAG $IOS;        /*  output statement overflows record
CONSTANT INPSTAREQ EQUALS 67 PREFIX FOR TAG $IOS;        /*  input statement requires too much data
CONSTANT VFEVALERR EQUALS 68 PREFIX FOR TAG $IOS;        /*  variable format expression value error

/*    Error numbers 70-77 refer to hardware exceptions and are
/*    not returned by IOSTAT.

CONSTANT INTOVF    EQUALS 70 PREFIX FOR TAG $IOS;        /*  integer overflow
CONSTANT INTDIV    EQUALS 71 PREFIX FOR TAG $IOS;        /*  integer divide by zero
CONSTANT FLTOVF    EQUALS 72 PREFIX FOR TAG $IOS;        /*  floating overflow
CONSTANT FLTDIV    EQUALS 73 PREFIX FOR TAG $IOS;        /*  floating/decimal divide by zero
CONSTANT FLTUND    EQUALS 74 PREFIX FOR TAG $IOS;        /*  floating underflow
CONSTANT SUBRNG    EQUALS 77 PREFIX FOR TAG $IOS;        /*  subscript out of range

/*    Error numbers 80-89 refer to Math Library reported errors and
/*    are not returned by IOSTAT.

CONSTANT WRONUMARG EQUALS 80 PREFIX FOR TAG $IOS;        /*  wrong number of arguments
CONSTANT INVARGMAT EQUALS 81 PREFIX FOR TAG $IOS;        /*  invalid argument to math library
CONSTANT UNDEXP    EQUALS 82 PREFIX FOR TAG $IOS;        /*  undefined exponentiation
CONSTANT LOGZERNEG EQUALS 83 PREFIX FOR TAG $IOS;        /*  logarithm of zero or negative value
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       CONSTANT SQUROONEG EQUALS 84 PREFIX FOR TAG $IOS;        /* square root of negative value
       CONSTANT SIGLOSMAT EQUALS 87 PREFIX FOR TAG $IOS;        /* significance lost in math library
       CONSTANT FLOOVEMAT EQUALS 88 PREFIX FOR TAG $IOS;        /* floating overflow in math library
       CONSTANT FLOUNDMAT EQUALS 89 PREFIX FOR TAG $IOS;        /* floating underflow in math library

       CONSTANT ADJARRDIM EQUALS 93 PREFIX FOR TAG $IOS;        /* adjustable array dimension error
/*
/*     End of FORIOSDEF.FOR
/*
END_MODULE $FORIOSDEF;
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FORIOSDEF
SDL

FORFMT
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FOROPN
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COMR50ASC
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COMERRTST
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FDLTRFVEC
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FORLIB
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