

ADAS Subroutine bgperr

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C
      SUBROUTINE BGPERR( NDGEN  , NDSPF  ,
&                      NUM     , ERRARR ,
&                      NARR    , DEF    , GEN      , SPF   )
C-----
C
C ***** FORTRAN77 SUBROUTINE: BGRERR *****
C
C PURPOSE: PARSES ERROR INFORMATION FROM ADF04 FILES.
C
C CALLING PROGRAM: ADAS216
C
C SUBROUTINE:
C
C INPUT : (I*4)   NDGEN    = MAX. NUMBER OF GENERAL ERRORS ALLOWED
C INPUT : (I*4)   NDSPF    = MAX. NUMBER OF SPECIFIC ERRORS ALLOWED
C
C INPUT:  (I*4)   NUM      = NUMBER OF ERROR LINES
C INPUT:  (C*70)  ERRARR() = COMPRESSED STRING OF ERRORS
C
C
C OUTPUT: (R*8)   NARR(3)  = NO. OF ERROR TYPES FOR EXCITATION
C                               1ST INDEX: NO. DEFAULT (0 OR 1)
C                               2ND INDEX: NO. GENERAL
C                               3RD INDEX: NO. SPECIFIC
C OUTPUT: (R*8)   DEF      = DEFAULT ERROR
C OUTPUT: (R*8)   GEN(,)   = GENERAL ERROR
C                               1ST DIMENSION: SOURCE/DESTINATION LEVEL
C                               2ND DIMENSION: ERROR
C
C OUTPUT: (R*8)   SPF(,)   = SPECIFIC ERROR
C                               1ST DIMENSION: FIRST LEVEL
C                               2ND DIMENSION: SECOND LEVEL
C                               3RD DIMENSION: ERROR
C
C
C ROUTINES:
C      ROUTINE      SOURCE      BRIEF DESCRIPTION
C-----
C      XXFCHR       ADAS        GETS OCCURANCES OF SUBSTRING IN A STRING
C      I4UNIT       ADAS        FETCH UNIT NUMBER FOR OUTPUT OF MESSAGES
C
C
C AUTHOR   : MARTIN O' MULLANE,
C           K1/1/43,
C           JET
C
C VERSION  : 1.1                      DATE: 17/03/1999
C MODIFIED : MARTIN O' MULLANE
C           FIRST VERSION.
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C

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CHARACTER*70      ERRARR(1+NDGEN+NDSPF)
INTEGER           NARR(3),      NDGEN,      NDSPF,      NUM
REAL*8           DEF,           GEN(NDGEN,2)
REAL*8           SPF(NDSPF,3)
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