

ADAS Subroutine bgrwer

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C
      SUBROUTINE BGRWER( NDGEN  , NDSPF  ,
&                      IRW      ,
&                      NARR    , DEF   , GEN   , SPF  )
C-----
C
C ***** FORTRAN77 SUBROUTINE: BGRERR *****
C
C PURPOSE: TO READ OR WRITE ERROR INFORMATION FROM/TO IDL. THE SIZE
C          OF THE ARRAYS HAS ALREADY BEEN PASSES TO IDL.
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)  irw    = switch for read/write to idl
C                      irw = 0 read
C                      irw = 1 write
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
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.
C-----
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C

C-----

INTEGER

REAL*8

REAL*8

IRW,

DEF,

SPF (NDSPF, 3)

NARR (3),

GEN (NDGEN, 2)

NDGEN,

NDSPF