

ADAS Subroutine bgwexp

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C
      SUBROUTINE BGWEXP( IUNIT ,
&                          NDLEV , NDTEM , NDDEN , NDTR ,
&                          ILEV , ITE , IDEN ,
&                          ind_t , err_t , index_t , adiff_t , rt ,
&                          ind_d , err_d , index_d , adiff_d , rd ,
&                          int_out, it_out ,errt_out , adt_out , rt_out ,
&                          ind_out, id_out ,errd_out , add_out , rd_out
&                          )

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C
C ***** FORTRAN77 SUBROUTINE: BGWEXP *****
C
C PURPOSE:  WRITES (UNFORMATTED) EXPLORE ERROR DATA TO IUNIT.
C
C CALLING PROGRAM: ADAS216
C
C INPUT : (I*4)  IUNIT      = UNIT NO. OF OPENED UNFORMATTED FILE
C
C ROUTINES:
C
C          ROUTINE      SOURCE      BRIEF DESCRIPTION
C          -----
C
C AUTHOR   : Martin O'Mullane,
C           K1/1/43,
C           JET
C
C VERSION  : 1.1
C DATE     : 17/03/1999
C
C MODIFIED : Martin O'Mullane
C           First version.
C-----
      INTEGER      IDEN,          ID_OUT ( ILEV, ITE, NDTR) ,      ILEV
      INTEGER      INDEX_D (NDLEV, NDTEM, NDTR)
      INTEGER      INDEX_T (NDLEV, NDDEN, NDTR)
      INTEGER      IND_D (NDLEV, NDTEM) ,          IND_OUT ( ILEV, ITE)
      INTEGER      IND_T (NDLEV, NDDEN) ,          INT_OUT ( ILEV, IDEN)
      INTEGER      ITE,          IT_OUT ( ILEV, IDEN, NDTR) ,      IUNIT
      INTEGER      NDDEN,          NDLEV,          NDTEM,          NDTR
      REAL          ADD_OUT ( ILEV, ITE, NDTR)
      REAL*8       ADIFF_D (NDLEV, NDTEM, NDTR)
      REAL*8       ADIFF_T (NDLEV, NDDEN, NDTR)
      REAL         ADT_OUT ( ILEV, IDEN, NDTR)
      REAL         ERRD_OUT ( ILEV, ITE, NDTR)
      REAL         ERRT_OUT ( ILEV, IDEN, NDTR)
      REAL*8       ERR_D (NDLEV, NDTEM, NDTR)
      REAL*8       ERR_T (NDLEV, NDDEN, NDTR)
      REAL*8       RD (NDLEV, NDTEM, NDDEN, NDTR)

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REAL          RD_OUT ( ILEV, ITE, IDEN, NDTR)
REAL*8        RT (NDLEV, NDTEM, NDDEN, NDTR)
REAL          RT_OUT ( ILEV, ITE, IDEN, NDTR)
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