

ADAS Subroutine b4flnm

SUBROUTINE B4FLNM (ADAS_C, ADAS_U, DSNIN, DSNFUL, LEXIST)

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C
C ***** FORTRAN77 SUBROUTINE: B4FLNM *****
C
C PURPOSE: TO PREPARE A UNIX DATASET NAME FROM A STRING WHICH MAY
C          INCLUDE AN ADAS ENVIRONMENT VARIABLE AND COMMENTS.
C
C          THE ADAS ENVIRONMENT VARIABLE MUST BE FIRST AND IN DOUBLE
C          QUOTES. THE COMMENTS MUST EITHER FOLLOW A COLON.
C
C CALLING PROGRAM: GENERAL USE
C
C SUBROUTINE:
C
C INPUT : (C120) DSNIN      = INPUT STRING FOR INTERROGATION
C INPUT : (C*80) ADAS_C    = CENTRAL ADAS LOCATION (FROM IDL)
C INPUT : (C*80) ADAS_U    = USER ADAS LOCATION (FROM IDL)
C
C OUTPUT: (C120) DSNFUL    = THE FULL EXPANDED FILE NAME WITHOUT
C                          EXTRANEOUS MATERIAL
C OUTPUT: (L*4)  LEXIST    = .TRUE. => NAME FORMED AND FILE EXISTS
C                          .FALSE.=> FAILED TO FORM NAME OR FIND FILE
C
C          (C*120) DSN1     = WORK STRING
C          (C*120) DSNTMP   = WORK STRING
C          (C*120) BLANK    = BLANK STRING
C          (I*4)  LEN1      = STRING INDEX
C          (I*4)  LEN2      = STRING INDEX
C          (I*4)  LEN3      = STRING INDEX
C          (I*4)  LEN4      = STRING INDEX
C
C ROUTINES:
C          ROUTINE      SOURCE      BRIEF DESCRIPTION
C          -----
C          XXSLEN       ADAS        FIND BEGINNING AND END OF A STRING
C          I4UNIT       ADAS        FETCH UNIT NUMBER FOR OUTPUT OF MESSAGES
C
C AUTHOR:  H. P. SUMMERS, UNIVERSITY OF STRATHCLYDE
C          JA8.08
C          TEL. 0141-553-4196
C
C DATE   : 22/08/96
C
C VERSION: 1.3                                DATE: 3-12-98
C MODIFIED: M.O'MULLANE
C          - Pass in ADAS environment variables
C
C VERSION: 1.4                                DATE: 20-7-07
C MODIFIED: Allan Whiteford
C          - Small modification to comments to allow for automatic
C          documentation preparation.
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CHARACTER*80
CHARACTER*120
LOGICAL

ADAS_C,
DSNFUL,
LEXIST

ADAS_U
DSNIN