

## ADAS Subroutine xxopen

SUBROUTINE XXOPEN( IUNIT, DSFULL , LEXIST )

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C
C ***** FORTRAN77 SUBROUTINE: XXOPEN *****
C
C PURPOSE: TO INQUIRE & OPEN INPUT DATA FILE & ALLOCATE TO UNIT 'IUNIT'
C           (READ ONLY) - IF IT DOES NOT EXISTS A MESSAGE IS SENT TO
C           THE SCREEN AND LEXIST IS RETURNED AS FALSE.
C
C CALLING PROGRAM:  GENERAL USE
C
C SUBROUTINE:
C
C INPUT  :   (I*4)  IUNIT   = UNIT TO WHICH INPUT FILE IS ALLOCATED
C INPUT  :   (C*(*) )DSFULL = FULL INPUT DATA SET NAME (INCL. USERID)
C                               IN FORM FOR DYNAMIC ALLOCATION.
C OUTPUT :   (L*4)  LEXIST  = .TRUE.  => DATA SETS EXISTS AND IS OPEN
C                               = .FALSE. => DATA SET DOES NOT EXIST
C
C           (I*4)  I4UNIT  = FUNCTION (SEE ROUTINE SECTION BELOW)
C           (C*1)  BSLASH  = '/' - MUST BE FIRST 'DSFULL' CHARACTER
C
C NOTE:
C
C ROUTINES:
C
C           ROUTINE      SOURCE      BRIEF DESCRIPTION
C           -----
C           I4UNIT       ADAS         FETCH UNIT NUMBER FOR OUTPUT OF MESSAGES
C           XXTERM       ADAS         TERMINATES ADAS PROGRAM WITH MESSAGE
C
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C          K1/0/37
C          JET EXT. 2520
C
C DATE:    04/03/91 - ADAS91 VERSION (INCLUDES INQUIRE)
C
C UPDATE:  07/08/91 - PE BRIDEN: ADDED ERROR HANDLING FOR OPEN ERROR.
C
C UPDATE:  23/04/93 - PE BRIDEN - ADAS91: ADDED I4UNIT FUNCTION TO WRITE
C                               STATEMENTS FOR SCREEN MESSAGES
C
C UPDATE:  24/05/93 - PE BRIDEN - ADAS91: CHANGED I4UNIT(0)-> I4UNIT(-1)
C-----
C
C CHARACTER*(*)      DSFULL
C INTEGER            IUNIT
C LOGICAL            LEXIST
```