

ADAS Subroutine c3file

SUBROUTINE C3FILE(IUNIT, ATNAME, IRCODE, DSNAME)

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C
C ***** FORTRAN77 SUBROUTINE: C3FILE *****
C
C PURPOSE: TO OPEN AN 'IONATOM' DATA SET FOR ATOM 'ATNAME'
C          CURRENTLY AVAILABLE ATOMS ARE : H, HE, LI
C
C
C DATA SET OPENED: 'JETUID.<GROUP>.<TYPE>
C                   (<EXTENSION>#<ATOM SYMBOL>)'
C
C CALLING PROGRAM: SQEF
C
C SUBROUTINE:
C
C INPUT : (I*4)    IUNIT    = UNIT TO WHICH DATA SET WILL BE CONNECTED
C          (C*2)    ATNAME   = NAME OF ATOM
C
C OUTPUT: (I*4)    IRCODE   = RETURN CODE FROM SUBROUTINE:
C                               0 => DATA SET SUCCESSFULLY CONNECTED
C                               1 => REQUESTED DATA SET MEMBER DOES NOT
C                               EXISTS - DATA SET NOT CONNECTED.
C                               9 => REQUESTED DATA SET EXISTS BUT CANNOT
C                               BE OPENED.
C
C OUTPUT: (C*44)   DSNAME   = FULL MVS NAME OF OPENED DATA SET
C
C          (I*4)    LENF1    = FIRST NON-BLANK CHR OF 'DSNAME' GROUP PART
C          (I*4)    LENF2    = LAST  NON-BLANK CHR OF 'DSNAME' GROUP PART
C          (I*4)    LENF3    = FIRST NON-BLANK CHR OF 'DSNAME' TYPE PART
C          (I*4)    LENF4    = LAST  NON-BLANK CHR OF 'DSNAME' TYPE PART
C          (I*4)    LENF5    = FIRST NON-BLANK CHR OF 'DSNAME' EXT PART
C          (I*4)    LENF6    = LAST  NON-BLANK CHR OF 'DSNAME' EXT PART
C          (I*4)    LENF7    = FIRST NON-BLANK CHR OF 'ATNAME'
C          (I*4)    LENF8    = LAST  NON-BLANK CHR OF 'ATNAME'
C
C          (C*6)    USERID  = ADAS SOURCE DATA USER ID
C          (C*8)    USRGRP   = ADAS SOURCE DATA GROUPNAME
C          (C*5)    USRTYP   = ADAS SOURCE DATA TYPENAME
C          (C*4)    USREXT   = ADAS SOURCE DATA EXTENSION
C
C          (L*4)    LEXIST   = .TRUE.  => REQUESTED DATA SET EXISTS.
C                               .FALSE. => REQUESTED DATA SET DOES NOT
C                               EXIST.
C
C ROUTINES:
C          ROUTINE    SOURCE    BRIEF DESCRIPTION
C-----
C          XXUID      ADAS      FETCHES/SETS ADAS SOURCE DATA USER ID
C          XXSQEF     ADAS      FETCHES/SETS ADAS SOURCE DATA FILENAME
C          XXSLEN     ADAS      OBTAINS FIRST AND LAST NON-BLANK
```

C CHARACTERS IN A STRING

C

C AUTHOR: C.J. WHITEHEAD, STRATHCLYDE

C EXT 4205

C BASED ON CODE IN F1FILE.F

C

C

C DATE: 24/11/94

C

C UPDATE: 15/05/95 - Tim Hammond - UNIX PORT

C

Added SCCS Header

C

C VERSION: 1.2 DATE: 08-11-99

C MODIFIED: RICHARD MARTIN

C REMOVED ACTION KEYWORD FROM OPEN STATEMENT.

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CHARACTER*2	ATNAME		
CHARACTER*44	DSNAME		
INTEGER	IRCODE,	IUNIT	