ADAS Subroutine xxdsn2

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      SUBROUTINE XXDSN2 ( DSNIN   ,
     &                    DSNOUT  , LEXIST
     &                    )
C-------------------------------------------------------------------
C
C  ***************** FORTRAN77 SUBROUTINE: XXDSN2 ********************
C
C  PURPOSE: TO CHECK IF A FULLY QUALIFIED MVS SEQUENTIAL OR PARTITIONED
C           DATA SET EXISTS AND RETURNS THE DATA SET NAME IN A FORM FOR
C           DYNAMIC ALLOCATION.
C
C                  ***** 'DSNIN' MUST BE OF VALID FORM *****
C
C           NOTE: INPUT DSN MUST START WITH THE USERID AND MAY OR MAY
C                 NOT BE ENCLOSED IN QUOTES.  IT CAN ALREADY BE  IN A
C                 FORM SUITABLE FOR DYNAMIC  ALLOCATION IN WHICH CASE
C                 THE OUTPUT DSN AND INPUT DSN  ARE  IDENTICAL  (I.E.
C                 NEITHER HAVE QUOTES AND BOTH START WITH A '/'.)
C
C  CALLING PROGRAM: GENERAL USE
C
C  SUBROUTINE:
C
C  INPUT : (C*(*)) DSNIN  = DATASET NAME
C                           (CAN BE ENCLOSED WITHIN APOSTROPHES OR
C                            START WITH A '/')
C
C  OUTPUT: (C*(*)) DSNOUT = VERSION OF  'DSNIN'  ALETRED SO THAT IT
C                           CAN BE USED TO DYNAMICALLY OPEN THE FILE.
C                           (NOTE: APOSTROPHES REMOVED, / ADDED AT
C                            START IF REQUIRED.)
C  OUTPUT: (L*4)   LEXIST = .TRUE.  => FILE 'DSNIN' ALREADY EXISTS
C                         = .FALSE. => FILE 'DSNIN' DOES NOT EXISTS
C
C          (C*1)   QUOTE  = PARAMETER: APOSTROPHE (').
C          (C*1)   BSLASH = PARAMETER: BACK SLASH (/).
C
C          (I*4)   ILEND  = LENGTH IN BYTES OF 'DSNIN'
C          (I*4)   I1     = LOCATION OF FIRST APOSTROPHE IN 'DSNIN'
C          (I*4)   I2     = LOCATION OF SECOND APOSTROPHE IN 'DSNIN'
C          (I*4)   IDSLEN = IDENTIFIES THE NUMBER OF CHARACTERS PRESENT
C                           IN THE INPUT DATA SET NAME MINUS ONE.
C                           (I.E. NUMBER  OF  CHARACTERS  BETWEEN
C                               APOSTROPHES IF PRESENT.)
C
C          (L*4)   LQUOTE = .TRUE.  => APOSTROPHES PRESENT
C                           .FALSE. => NO APOSTROPHES PRESENT
C
C NOTE:
C
C          IDSLEN >=0 => NO APOSTROPHES IN 'DSNIN' OR TWO SEPERATED
C                        BY AT LEAST ONE CHARACTER.
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C           IDSLEN =-1 => TWO ADJACENT APOSTROPHES
C           IDSLEN =-2 => ONLY ONE APOSTROPHE FOUND
C
C           IF:
C
C           IDSLEN =-1 ERROR: PROGRAM STOPS
C           IDSLEN =-2 ERROR: PROGRAM STOPS.
C
C
C ROUTINES:   NONE
C
C AUTHOR:  PAUL E. BRIDEN (TESSELLA SUPPORT SERVICES PLC)
C          K1/0/81
C          JET EXT. 4569
C
C DATE:    12/12/90  (IN ADAS90 VERSION 1 THIS ROUTINE IS CALLED XXDSN1)
C
C-------------------------------------------------------------------
      CHARACTER*(*)     DSNIN,      DSNOUT
      LOGICAL           LEXIST
```