

ADAS Subroutine d7clos

```
SUBROUTINE D7CLOS( IUNT11 , IUNT12 ,  
&                 OPEN11 , OPEN12 ,  
&                 IFCNT  , NDFILE , FILESL , FILESU ,  
&                 DATE  
&                 )
```

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C-----  
C  
C ***** FORTRAN77 SUBROUTINE: D7CLOS *****  
C  
C PURPOSE: TO WRITE TERMINATOR SEQUENCES AND CLOSE FILES ON  
C           UNIT11 (MAINCL FILE) AND UNIT12 (ATOMPARS FILE)  
C  
C CALLING PROGRAM: ADAS407  
C  
C SUBROUTINE:  
C  
C INPUT : (I*4)   IUNT11   = UNIT NUMBER FOR MAINCL OUTPUT FILE  
C INPUT : (I*4)   IUNT12   = UNIT NUMBER FOR ATOMPARS OUTPUT FILE  
C INPUT : (L*4)   OPEN11   = .TRUE.  => MAINCL PASSING FILE OPENED  
C                               .FALSE. => MAINCL PASSING FILE NOT OPENED  
C INPUT : (L*4)   OPEN12   = .TRUE.  => ATMPRS  PASSING FILE OPENED  
C                               .FALSE. => ATMPRS  PASSING FILE NOT OPENED  
C INPUT : (I*4)   IFCNT    = NUMBER OF RECOMBINED/RECOMBINING FILE  
C                               PAIRS USED  
C INPUT : (I*4)   NDFILE   = MAX. NUMBER OF FILES FOR DIMENSIONING FILESL  
C           AND FILESU. THIS IS NECESSARY ON A DEC, BUT  
C           NOT ON THE IBM AT JET (???)  
C INPUT : (C*80)  FILESL() = RECOMBINED FILE  
C INPUT : (C*80)  FILESU() = RECOMBINING FILE  
C  
C           (I*4)   I       = GENERAL INTEGER  
C           (C*6)  USERID  = USER IDENTIFIER  
C           (C*8)  DATE    = CURRENT DATE  
C  
C  
C ROUTINES:  
C           ROUTINE      SOURCE      BRIEF DESCRIPTION  
C-----  
C  
C  
C AUTHOR:  H. P. SUMMERS, JET  
C           K1/1/57  
C           JET EXT. 4941  
C  
C DATE:    12/07/94  
C  
C UNIX-IDL PORT:  
C           WILLIAM OSBORN, TESSELLA SUPPORT SERVICES PLC.  
C  
C DATE:    22ND APRIL 1996  
C  
C VERSION: 1.1 DATE: 22-04-96
```

C MODIFIED: WILLIAM OSBORN

C - FIRST VERSION.

C

C VERSION: 1.2 DATE: 23-04-96

C MODIFIED: WILLIAM OSBORN

C INCREASED FILE NAME LENGTHS TO 80

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C

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CHARACTER*8	DATE		
CHARACTER*80	FILESL (NDFILE),	FILESU (NDFILE)	
INTEGER	IFCNT,	IUNT11,	IUNT12, NDFILE
LOGICAL	OPEN11,	OPEN12	