

ADAS Subroutine e2titl

```
      SUBROUTINE E2TITL( IBSEL , DSNAME ,  
      &                  CICODE , CFCODE ,  
      &                  CIION  , CFION  ,  
      &                  TITLX  
      &                  )
```

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C-----  
C  
C ***** FORTRAN77 SUBROUTINE: E2TITL *****  
C  
C PURPOSE:  TO CREATE THE DESCRIPTIVE TITLE FOR SELECTED DATA-BLOCK.  
C  
C CALLING PROGRAM: ADAS502/SSZD  
C  
C SUBROUTINE:  
C  
C INPUT : (I*4)  IBSEL    = SELECTED DATA-BLOCK: INDEX  
C INPUT : (C*80) DSNAME   = DATA FILE NAME UNDER UNIX INCLUDING PATH  
C  
C INPUT : (C*2)  CICODE   = SELECTED DATA-BLOCK: INITIAL STATE  
C                               METASTABLE INDEX.  
C INPUT : (C*2)  CFCODE   = SELECTED DATA-BLOCK: FINAL   STATE  
C                               METASTABLE INDEX.  
C  
C INPUT : (C*5)  CIION    = SELECTED DATA-BLOCK: INITIAL ION  
C INPUT : (C*5)  CFION    = SELECTED DATA-BLOCK: FINAL   ION  
C  
C OUTPUT: (C*80) TITLX   = SELECTED DATA-BLOCK: DESCRIPTIVE TITLE  
C  
C GENERAL :  
C      (C*2)  C2          = GENERAL USE 2 BYTE  CHARACTER  STRING  
C  
C      (I*4)  START      = POSITION OF FIRST NON_BLANK CHARACTER IN  
C      DSNAME  
C      (I*4)  END        = POSITION OF LAST  NON_BLANK CHARACTER IN  
C      DSNAME  
C  
C ROUTINES:  
CA   XXSLEN          = UTILITY ROUTINE WHICH FINDS FIRST AND LAST  
CA   NON-BLANK CHARACTERS IN A STRING.  
C  
C AUTHOR:  PAUL E. BRIDEN (TESSELLA SUPPORT SERVICES PLC)  
C          K1/0/37  
C          JET EXT. 2620  
C  
C DATE:    07/06/91  
C  
C UPDATE : L. JALOTA  10/11/94 - MODIFIED TO RUN UNDER UNIX.  
C-----  
C-----  
C          CHARACTER*2          CFCODE  
C          CHARACTER*5          CFION
```

CHARACTER*2	CICODE
CHARACTER*5	CIION
CHARACTER* (*)	DSNAME
CHARACTER*120	TITLX
INTEGER	IBSEL