

ADAS Subroutine e4titl

```
SUBROUTINE E4TITL( IBSEL , DSNAME ,  
&                  CIION  , CITYPE , CIINFO ,  
&                  TITLX  
&                  )
```

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C-----  
C  
C ***** FORTRAN77 SUBROUTINE: E4TITL *****  
C  
C PURPOSE:  TO CREATE THE DESCRIPTIVE TITLE FOR SELECTED DATA-BLOCK.  
C  
C CALLING PROGRAM: ADAS504/SPZD  
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*5)  CIION      = SELECTED DATA-BLOCK: RADIATING ION  
C INPUT : (C*5)  CITYPE     = SELECTED DATA-BLOCK: RADIATION TYPE  
C INPUT : (C*20) CIINFO     = SELECTED DATA-BLOCK: INFORMATION STRING  
C  
C OUTPUT: (C*120) TITLX    = SELECTED DATA-BLOCK: DESCRIPTIVE TITLE  
C  
C          (C*2)  C2        = GENERAL USE 2 BYTE CHARACTER STRING  
C (I*4)  POS_NOW  = CURRENT POSITION IN TITLE STRING  
C (I*4)  LEN_NAME = LENGTH OF FILENAME  
C (I*4)  IFIRST   = POSITION OF FIRST CHARACTER IN FILENAME  
C (I*4)  ILAST    = POSITION OF LAST CHARACTER IN FILENAME  
C  
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 UNIX-IDL PORT:  
C  
C UPDATE:  04/11/94 - L. JALOTA: MODIFIED FOR USE UNDER UNIX  
C  
C UPDATE:  26/03/95 - HPS          : CORRECTED CIION AND CITYP TO C*5  
C  
C VERSION: 1.1                      DATE: 25-5-95  
C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)  
C          - PUT UNDER SCCS CONTROL  
C  
C UPDATE:  HP SUMMERS 20/12/95 - UNIX-IDL PORT  
C
```

C VERSION: 1.2

DATE: 17-1-96

C MODIFIED: TIM HAMMOND (TESSELLA SUPPORT SERVICES PLC)

C - MADE CHANGES IN LINE WITH THOSE MADE BY HUGH SUMMERS
C AT STRATHCLYDE - INCLUDING TIDYING UP COMMENTS AND
C HOW THE TITLE IS CONSTRUCTED

C-----
C-----

CHARACTER*20	CIINFO	
CHARACTER*5	CIION,	CITYPE
CHARACTER*80	DSNAME	
CHARACTER*120	TITLX	
INTEGER	IBSEL	