

## ADAS Subroutine e3titl

```
      SUBROUTINE E3TITL( IBSEL , DSNAME ,  
&                      ESYM   , IZ     ,  
&                      CWAVEL , CINDM  ,  
&                      TITLX  
&                      )
```

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C-----  
C  
C ***** FORTRAN77 SUBROUTINE: E3TITL *****  
C  
C PURPOSE:  TO CREATE THE DESCRIPTIVE TITLE FOR SELECTED DATA-BLOCK.  
C  
C CALLING PROGRAM: ADAS503/SPEC  
C  
C SUBROUTINE:  
C  
C INPUT : (I*4)  IBSEL      = SELECTED DATA-BLOCK: INDEX  
C INPUT : (C*(*)) DSNAME    = FULL INPUT DATA SET NAME  
C  
C INPUT : (C*2)  ESYM       = INPUT DATA SET: EMITTING ION ELEMENT SYMBOL  
C INPUT : (I*4)  IZ         = INPUT DATA SET: EMITTING ION CHARGE-STATE  
C  
C INPUT : (C*10) CWAVEL     = SELECTED DATA-BLOCK: WAVELENGTH (ANGS.)  
C INPUT : (C*2)  CINDM      = SELECTED DATA-BLOCK: METASTABLE INDEX  
C  
C OUTPUT: (C*120) TITLX    = SELECTED DATA-BLOCK: DESCRIPTIVE TITLE  
C  
C          (C*2)  C2        = GENERAL USE 2 BYTE CHARACTER STRING  
C          (C*3)  C3        = GENERAL USE 3 BYTE CHARACTER STRING  
C          (C*9)  PATH       = UNIX ENVIRONMENT OF CURRENT PATH=$ADASCENT  
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 OF DSNAME  
C          (I*4)  ILAST     = POSITION OF LAST CHARACTER OF DSNAME  
C  
C ROUTINES:  
C  
C AUTHOR:  PAUL E. BRIDEN (TESSELLA SUPPORT SERVICES PLC)  
C          K1/0/37  
C          JET EXT. 2520  
C  
C DATE:    01/05/91  
C  
C UPDATE:  L. JALOTA 13/3/95  MODIFIED FOR USE UNDER UNIX  
C  
C VERSION 1.7 TIM HAMMOND 13/10/95  
C ADDED VARIABLE C3 TO ALLOW 3 DIGIT DATA BLOCKS  
C          TO BE READ FROM THE VARIABLE IBSEL  
C  
C VERSION 1.8 TIM HAMMOND 08/11/95  
C - REMOVED SUPERFLUOUS VARIABLE TEMP_NAME  
C  
C VERSION 1.9 TIM HAMMOND 08/11/95
```

C - REMOVED SUPERFLUOUS VARIABLE I4UNIT

C

C-----

C-----

CHARACTER*2	CINDM	
CHARACTER*10	CWAVEL	
CHARACTER*(*)	DSNAME	
CHARACTER*2	ESYM	
CHARACTER*120	TITLX	
INTEGER	IBSEL,	IZ