

## ADAS Subroutine xxfrmt\_t

```
      subroutine xxfrmt_t( ita_max , isa_max , ila_max , xja_max ,  
      &                    iw          , fmt02  
      &                    )
```

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C  
C \*\*\*\*\* fortran 77 subroutine: xxfrmt\_t \*\*\*\*\*

C purpose: To determine the format and file length required for the  
C transition strings of an ion

C subroutine:

C input : (i\*4) ita\_max = largest value for transition index  
C input : (i\*4) isa\_max = largest value for transition multiplicity  
C input : (i\*4) ila\_max = largest value for transition orb. ang.mom  
C input : (r\*8) xja\_max = largest value for transition (stat.wt-1)/2  
C  
C output: (i\*4) iw = field length required for trans. strings  
C output: (c\*63) fmt02 = appropriate format specification

C routines:

routine	source	brief description
i4unit	adas	fetch unit number for output of messages

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C modified: hugh p summers  
C - first edition.

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CHARACTER\*63 FMT02  
INTEGER ILA\_MAX, ISA\_MAX, ITA\_MAX, IW  
REAL\*8 XJA\_MAX