ADAS Subroutine c9ispf

```
SUBROUTINE C9ISPF ( LPEND, IBATCH )
С
С
C-
C
С
  *********** FORTRAN77 SUBROUTINE: C9ISPF *****************
С
С
 PURPOSE: PIPE COMMS WITH IDL FOR THE PROCESSING OPTIONS OF 309.
С
C CALLING PROGRAM: ADAS309
С
 I/O : (L*4) LPEND = FLAGS IF END OF ANALYSIS REQUESTED.
С
С
                              .TRUE. => END ANALYSIS OF CURRENT DATA
С
                                        SETS
С
                              .FALSE. => CONTINUE PANALYSIS WITH CURRENT
                                        DATA SETS
С
С
С
С
           (I*4) PIPEIN - PARAMETER = UNIT NUMBER FOR INPUT FROM PIPE
С
                  LOGIC - USED TO PIPE LOGICAL VALUES
           (I * 4)
С
           IBATCH - USED TO FLAG ACTION TO OTHER ROUTINES (
С
     AS LPEND CAN NOW HAVE 3 VALUES WHICH IT IS
С
                           NOT POSSIBLE TO TREAT WITH A LOGICAL
С
                           VARIABLE)
С
C ROUTINES: NONE
С
C AUTHOR: JONATHAN NASH (TESSELLA SUPPORT SERVICES PLC)
С
          K1/0/81
С
          JET EXT. 5183
С
C DATE: 03/12/93
C
C Modified: Tim Hammond (Tessella Support Services plc.)
С
           Preliminary UNIX port - major revisions to follow
С
C Version 1.1 21-06-95
C Modified: Tim Hammond (Tessella Support Services plc.)
C - Removed references to ISPF panel IPAN.
C - Removed other ISPF variables and features.
C - Removed batch/no-batch flag LBTSEL
C - Added all reads from IDL (c9ispf.pro)
C Version 1.2 22-06-95
C
C Modified: Tim Hammond (Tessella Support Services plc.)
               - Added pipein parameter
C Version 1.3 28-06-95
С
C Modified: Tim Hammond (Tessella Support Services plc.)
```

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С
             - Rewrite of the routine - it now only reads
              whether to carry on or not.
С
C The bulk of the IDL -> FORTRAN data transfer is
C now handled by routines under adas309b.for
С
C Version 1.4 10-07-95
C Modified: Tim Hammond (Tessella Support Services plc.)
С
             - Added IBATCH parameter which is used to signal
С
              'Cancel', 'Run Now', 'Run in Batch' to
С
              other routines.
C-----
     INTEGER
                     IBATCH
    LOGICAL LPEND
```