```
/*************************************************************************
 *                                                                       *
 * Macro   pg_edit.the   V0.1  (THE)                                     *
 *                                                                       *
 * Author:   Pablo Garcia-Abia (Pablo.Garcia.Abia@cern.ch)              *
 * Date:     27/09/1999                                                  *
 *                                                                       *
 *                                                                       *
 * Syntax:   pg_edit                                                     *
 *                                                                       *
 *                                                                       *
 * Description:                                                          *
 *                                                                       *
 *    Macro  to be  assigned  to a key  (mouse  or  keyboard).  When     *
 *    issued,  the  string  under  the  cursor  (delimited   by  the     *
 *    characters  of 'delim') is taken as a filename and the file, if    *
 *    exists, is edited.  Otherwise, no action is taken.                 *
 *                                                                       *
 *    This  macro  works in any  file, not only in a  directory  list    *
 *    (like the command 'sos edit' does).                                *
 *                                                                       *
 *    For example, I have defined:                                       *
 *                                                                       *
 *          'define 2LB IN FILEAREA cursor MOUSE#macro pg_edit'          *
 *          'define C-X              macro pg_edit'                       *
 *                                                                       *
 *                                                                       *
 * Bugs, comments and/or questions to Pablo.Garcia.Abia@cern.ch          *
 *************************************************************************/


/**** Modify this list by hand to match your needs ****/

  delim = " ,;:'`[]{}()<>|!@%^&?*+="

  delim = delim||'"'              /* add " to the list */

/*****************************************************/


  'EXTRACT /LINE/CURSOR'

  If cursor.3 <= 0 Then Return

  'LOCATE :'cursor.3
  'EXTRACT /CURLINE'
  'LOCATE :'line.1


/* Make sure cursor is not on one of the delimiters */

  Do d=1 To length(delim)
     char = substr(delim,d,1)
     If substr(curline.3,cursor.4,1) == char Then Return
  End


/* Search for the beginning of the string */

  Do i=cursor.4-1 To 1 By -1
     ifo = 0
```

```
      Do d=1 To length(delim)
          char = substr(delim,d,1)
          If substr(curline.3,i,1) == char Then Do
             ifo=1
             Leave
          End
      End
      If ifo == 1 Then Leave
   End


/* Search for the end of the string */

  Do j=cursor.4+1 To length(curline.3)
      ifo = 0
      Do d=1 To length(delim)
          char = substr(delim,d,1)
          If substr(curline.3,j,1) == char Then Do
             ifo=1
             Leave
          End
      End
      If ifo == 1 Then Leave
   End


/* Edit the file if exists */

  file = substr(curline.3,i+1,j-i-1)

  If length(file) > 0 Then Do
    If state(file) > 0 Then EMSG "File '"file"' does not exist."
    Else 'XEDIT' file
  End

  Return
```