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UUU          UUU  VVV          VVV  MMM          MMM  SSSSSSSSSSSSS
UUU          UUU  VVV          VVV  MMM          MMM  SSSSSSSSSSSSS
UUU          UUU  VVV          VVV  MMM          MMM  SSSSSSSSSSSSS
UUU          UUU  VVV          VVV  MMMMMMM  MMMMMMM  SSS
UUU          UUU  VVV          VVV  MMMMMMM  MMMMMMM  SSS
UUU          UUU  VVV          VVV  MMMMMMM  MMMMMMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUU          UUU  VVV          VVV  MMM          MMM  SSS
UUUUUUUUUUUUUUUUUU  VVV  VVV          VVV  MMM          MMM  SSSSSSSSSSSSS
UUUUUUUUUUUUUUUUUU  VVV  VVV          VVV  MMM          MMM  SSSSSSSSSSSSS
UUUUUUUUUUUUUUUUUU  VVV  VVV          VVV  MMM          MMM  SSSSSSSSSSSSS
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..S
..P
..L
..


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$ |
$ | If search for search command successful, then use search command
$ | on VMSKITBLD.DAT to create smaller file containing list of files
$ | to be deleted.
$ |
$OPT_SRCH:
$   IF SRCH .EQS. "" THEN GOTO OPEN_RECORD
$   SEARCH 'FILENAME' 'UVMS=ALL', 'UVMS="" TOTAL_OPT-
$     /OUTPUT='DEFUPD'UVOPTION.DAT
$     FILE = ""'DEFUPD'UVOPTION.DAT"
$ |
$ | This is the main loop that is executed for each record in the data file.
$ | If search command used then FILE opened is UVOPTION.DAT. If search
$ | command not used then FILE opened is VMSKITBLD.DAT.
$ |
$OPEN_RECORD:
$   OPEN/READ DATAF 'FILE
$   ON ERROR THEN GOTO CLOSE_DATAF
$   ON CONTROL_Y THEN GOTO CLOSE_DATAF
$RECORD_LOOP:
$   READ/END OF FILE=NORMAL_EXIT DATAF RECORD
$   IF F$EXTRACT(0,1,RECORD) .EQS. "$" THEN GOTO RECORD_LOOP
$   IF F$EXTRACT(0,1,RECORD) .EQS. "!" THEN GOTO RECORD_LOOP
$   IF F$EXTRACT(0,1,RECORD) .EQS. "," THEN GOTO RECORD_LOOP
$GET_UVMS:
$   UVMS = F$EXTRACT(F$LOCATE("UVMS=",RECORD)+5,132,RECORD)
$   IF UVMS .NES. "" THEN GOTO PARSE_UVMS
$   WRITE SYSSOUTPUT "%WARNING - No UVMS qualifier on record: "
$   WRITE SYSSOUTPUT """"RECORD""""
$   GOTO RECORD_LOOP
$PARSE_UVMS:
$   UVMS = F$EXTRACT(0,(F$LOCATE(",",UVMS)),UVMS)
$   IF ENT_OPT THEN TOTAL_OPT = UVMS
$   SAVESET_NAME = UVMS
$   UVMS = F$EXTRACT(0,(F$LOCATE(",",UVMS)),UVMS)
$   IF F$LOCATE(UVMS,VALID_OPTION) .NE. F$LENGTH(VALID_OPTION) THEN GOTO CHECK_OPTION
$   WRITE SYSSOUTPUT "%WARNING - Invalid UVMS qualifier on record:"
$   WRITE SYSSOUTPUT """"RECORD""""
$   GOTO RECORD_LOOP
$ |
$ | Check if this file is in the option we are deleting.
$ |
$CHECK_OPTION:
$   IF SAVESET_NAME .EQS. "ALL" THEN GOTO GET_NAME
$   IF SAVESET_NAME .NES. TOTAL_OPT THEN GOTO RECORD_LOOP
$ |
$ | Get the name from the current record. (The name is always the first field
$ | in the record, and doesn't have a keyword associated with it.)
$ |
$GET_NAME:
$   NAME = F$EXTRACT(0,F$LOCATE(",",RECORD),RECORD)
$ |
$ | Get the operation.
$ |
$GET_OPERATION:

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$      OPERATION = F$EXTRACT(F$LOCATE('OP=',RECORD)+3,132,RECORD)
$      IF OPERATION .EQS. '' THEN GOTO NORMAL
$      OPERATION = F$EXTRACT(0,F$LOCATE(' ',OPERATION),OPERATION)
$      GOTO 'OPERATION
$
$SET:
$      SOURCE_DEFAULT = '[' + '' 'NAME' '' + ']'
$CREATE:
$ENTER:
$RENAME_C:
$RENAME_B:
$SYSGEN:
$      GOTO RECORD_LOOP
$
$BUILD:
$COPY:
$NORMAL:
$CONTIG:
$      IF F$SEARCH('' 'DEFROOT' ''SOURCE_DEFAULT'' 'NAME'') .EQS. '' THEN GOTO RECORD_LOOP
$      DELETE/LOG 'DEFROOT' 'SOURCE_DEFAULT' 'NAME';*
$      IF NAME .EQS. 'STARLET.OLB' THEN LIBR/CREATE 'DEFROOT' 'SOURCE_DEFAULT' 'NAME'
$      GOTO RECORD_LOOP
$
$NO_DATAF:
$      WRITE SYSS$OUTPUT " Unable to open data parameter file."
$      GOTO ALL_DONE
$
$HELP_ENT OPT:
$      WRITE SYSS$OUTPUT ""
$      WRITE SYSS$OUTPUT "Typing Y indicates you want the entire option"
$      WRITE SYSS$OUTPUT "to be removed. Typing N indicates you want only"
$      WRITE SYSS$OUTPUT "portions of the option to be removed. The prompt"
$      WRITE SYSS$OUTPUT "for these sub_options follows if you type N."
$      WRITE SYSS$OUTPUT ""
$      ENT OPT = ""
$      GOTO ENT_OPTION
$BAD_OPTION:
$      WRITE SYSS$OUTPUT ""
$      WRITE SYSS$OUTPUT "You specified an invalid option in: ',SAVE_OPTIONS,'"
$      WRITE SYSS$OUTPUT ""
$HELP_OPTION:
$      WRITE SYSS$OUTPUT "The valid options are:"
$      WRITE SYSS$OUTPUT ""
$      VALID = VALID_OPTION - KINDA_VALID
$BACK:
$      TEMP = F$EXT(0,F$LOC(' ',VALID),VALID)
$      WRITE SYSS$OUTPUT " ",TEMP
$      VALID = VALID - TEMP - ""
$      IF VALID .NES. '' THEN GOTO BACK
$      OPTIONS = ""
$      WRITE SYSS$OUTPUT ""
$      WRITE SYSS$OUTPUT "Options must be separated by commas."
$      WRITE SYSS$OUTPUT ""
$      GOTO 'RETURN
$BAD_SUB_OPTION:
$      WRITE SYSS$OUTPUT ""

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$ WRITE SYSS$OUTPUT "You specified an invalid sub-option in: ",SAVE_SUBOPTS,""
$HELP_SUB_OPTION:
$ WRITE SYSS$OUTPUT ""
$ WRITE SYSS$OUTPUT "The valid sub-options for ",OPTION," are:"
$ WRITE SYSS$OUTPUT ""
$ IF SRCH .NES. "" THEN GOTO SRCH_SUB_OPT_HELP
$ OPEN/READ DATAF 'FILENAME
$ ON ERROR THEN GOTO CLOSE_DATAF
$ ON CONTROL_Y THEN GOTO C$LOSE_DATAF
$HELP_READ:
$ READ/END OF FILE=HELP_FINISH DATAF RECORD
$ IF F$EXTRACT(0,1,RECORD) .NES. "!" THEN GOTO HELP_FINISH
$ IF F$EXTRACT(1,1,RECORD) .NES. "*" THEN GOTO HELP_READ
$ VALID = F$EXT(F$LOC("!* ",RECORD)+3,F$LOC(" ",RECORD)-3,RECORD)
$ IF VALID .EQS. OPTION THEN WRITE SYSS$OUTPUT-" ",RECORD
$ GOTO HELP_READ
$HELP_FINISH:
$ CLOSE DATAF
$ ON ERROR THEN GOTO ALL_DONE
$ ON CONTROL_Y THEN GOTO ALL_DONE
$ GOTO HELP_CONT
$SRCH_SUB_OPT_HELP:
$ STRING = "***** + *!* " + OPTION + " " + "*****"
$ SEARCH 'FILENAME 'STRING
$HELP_CONT:
$ WRITE SYSS$OUTPUT ""
$ WRITE SYSS$OUTPUT "Sub-options must be separated by commas."
$ SUBOPTS := ""
$ GOTO 'RETURN
$NORMAL_EXIT:
$ CLOSE DATAF
$ ON ERROR THEN GOTO ALL_DONE
$ ON CONTROL_Y THEN GOTO ALL_DONE
$ IF TOTAL_OPT .NES. (OPTION + " " + SUB_OPTION) -
$ THEN TOTAL_OPT = OPTION
$ WRITE SYSS$OUTPUT ""
$ WRITE SYSS$OUTPUT "***** ",TOTAL_OPT," REMOVED *****"
$ WRITE SYSS$OUTPUT ""
$ GOTO 'SUB_OPT_RETURN
$CLOSE_DATAF:
$ CLOSE DATAF
$ALL_DONE:
$ IF F$SEARCH(" '*DEFUPD'UVOPTION.DAT') .NES. "" THEN DELETE 'DEFUPD'UVOPTION.DAT;*
$ SET DEFAULT 'DEFDIR'
$ EXIT

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