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RRRRRRRR      EEEEEEEEEEE  MM      MM      000000      VV      VV      EEEEEEEEEEE
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CCCCCCCC      000000      MM      MM
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$
$ REMOVE.COM
$
$ This command procedure uses as input a data file (specified in P1 or
$ defaulted to SYSSUPDATE:VMSKITBLD.DAT on the system disk). The data file is
$ read as input commands to be executed by the procedure. The format of each
$ record is defined in VMSKITBLD.COM. P2 specifies the category of files to
$ be removed from the system disk. This is one of the options specified by
$ the UVMS qualifier in the data file. If P2 is not specified, then the user
$ is prompted for the option category.
$
$START:
$ ON ERROR THEN GOTO ALL_DONE
$ ON CONTROL Y THEN GOTO ALL_DONE
$ DEFDIR:='F$DIRECTORY()'
$ DEFUIC:='F$USER()'
$ DEFROOT := "SYSSSYSROOT:"
$ DEFEXE := "SYSSSYSROOT:[SYSEXE]"
$ DEFUPD := "SYSSSYSROOT:[SYSUPD]"
$ WRITE SYSSOUTPUT ""
$ WRITE SYSSOUTPUT -
$ "This command procedure removes entire options or sub-options
$ WRITE SYSSOUTPUT -
$ "of the MicroVMS kit. Help may be obtained for any of the prompts"
$ WRITE SYSSOUTPUT "by typing HELP."
$ WRITE SYSSOUTPUT ""
$ WRITE SYSSOUTPUT "Valid options and sub-options are:"
$ WRITE SYSSOUTPUT ""
$
$ Get data file name
$
$ FILENAME = P1
$ IF FILENAME .EQS. "" THEN FILENAME = "SYSSUPDATE:VMSKITBLD.DAT"
$ FILE = FILENAME
$
$ Find the valid values for OPTIONS and SUB-OPTIONS from the data file.
$
$ KINDA_VALID = "ALL,BASE,HELP,IGNORE"
$ VALID_OPTION = ""
$ PREV_VALID = ""
$ PREV_SUB = ""
$ OPEN/READ DATAF 'FILENAME
$ ON ERROR THEN GOTO CLOSE_DATAF
$ ON CONTROL Y THEN GOTO CLOSE_DATAF
$VALID_REQUESTS:
$ READ/END OF FILE=NORMAL EXIT DATAF RECORD
$ IF F$EXT(0,T,RECORD) .EQS. "$" THEN GOTO END_VALID
$ IF F$EXT(1,1,RECORD) .NES. "*" THEN GOTO VALID_REQUESTS
$ VALID = F$EXT(F$LOC("!* ",RECORD)+3,F$LOC(" ",RECORD)-3,RECORD)
$ IF VALID .NES. PREV_VALID THEN VALID_OPTION = VALID_OPTION + VALID + ","
$ IF VALID .NES. PREV_VALID THEN PREV_SUB = ""
$ IF VALID .NES. PREV_VALID THEN WRITE SYSSOUTPUT " ",VALID
$ PREV_VALID = VALID
$ VALID_SUB = F$EXT(F$LOC(" ",RECORD) + 1,1,RECORD)
$ VALID_VALID = PREV_SUB + VALID_SUB
$ PREV_SUB = VALID_VALID

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$      WRITE SYSSOUTPUT "      ",RECORD
$      GOTO VALID_REQUESTS
$SEND_VALID:
$      CLOSE DATAF
$      ON ERROR THEN GOTO ALL_DONE
$      ON CONTROL_Y THEN GOTO ALL_DONE
$      VALID_DEL = ""
$      VALID_OPTION = VALID_OPTION + KINDA_VALID
$
$      OPTIONS = P2
$      SAVE_OPTIONS = OPTIONS
$      SUBOPTS = ""
$      SUB_OPTION = ""
$      SUB_OPT_RETURN := ALL_DONE
$      REMOVED_OPTIONS = ""
$      ENT_OPT = P3
$
$      ! If option(s) not specified then get options list
$
$GET_OPTION:
$      IF OPTIONS .NES. "" THEN GOTO VALIDATE_OPTION
$      WRITE SYSSOUTPUT " "
$      IF REMOVED_OPTIONS .NES. "" -
$          THEN WRITE SYSSOUTPUT "Option(s) previously removed: ",REMOVED_OPTIONS,""
$      WRITE SYSSOUTPUT " "
$      WRITE SYSSOUTPUT "What layered VMS option(s) do you want to remove."
$      INQUIRE OPTIONS "Options must be separated by commas, e.g., USER,UTIL,SYSP"
$      SAVE_OPTIONS = OPTIONS
$      GOTO GET_OPTION
$
$      ! Extract and validate an option, update options list
$
$VALIDATE_OPTION:
$      RETURN := GET_OPTION
$      OPTION = OPTIONS
$      IF F$LOC(",","OPTIONS) .NE. F$LEN(OPTIONS) THEN OPTION = F$EXT(0,F$LOC(",","OPTIONS),OPTIONS)
$EX_OPTION:
$      TEMP_1 = F$LOCATE(OPTION,VALID_OPTION)
$      IF (F$EXT(TEMP_1-1,1,VALID_OPTION) .NES. ",") THEN GOTO BAD_OPTION
$      IF TEMP_1 .EQ. F$LENGTH(VALID_OPTION) THEN GOTO BAD_OPTION
$      TEMP_2 = F$EXTRACT(TEMP_1,132,VALID_OPTION)
$      TEMP_2 = F$EXTRACT(0,F$LOCATE(",","TEMP_2),TEMP_2)
$      IF OPTION .NES. TEMP_2 THEN GOTO BAD_OPTION
$      IF OPTION .EQS. "HELP" THEN GOTO HELP_OPTION
$      IF OPTION .EQS. "ALL" THEN GOTO BAD_OPTION
$      IF OPTION .EQS. "BASE" THEN GOTO BAD_OPTION
$      OPTIONS = OPTIONS - OPTION - ","
$      OPT_RETURN := ALL_DONE
$      IF OPTIONS .NES. "" THEN OPT_RETURN := GET_OPTION
$      TOTAL_OPT = OPTION
$      REMOVED_OPTIONS = REMOVED_OPTIONS + " " + OPTION
$      REMOVED_SUB_OPTIONS = ""
$
$      ! Remove check - entire option or not
$

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$ENT_OPTION:
$  WRITE SYSS$OUTPUT " "
$  IF ENT_OPT .EQS. "HELP" THEN GOTO HELP_ENT_OPT
$  IF ENT_OPT THEN GOTO CHECK_SEARCH
$  IF .NOT. ENT_OPT THEN GOTO GET_SUB_OPTION
$  INQUIRE ENT_OPT "Do you want to remove the entire 'OPTION' option (y/n)"
$  IF ENT_OPT .EQS. "" THEN GOTO ENT_OPTION
$  GOTO ENT_OPTION
$
$
$  If not entire option then get sub-options list
$
$GET_SUB_OPTION:
$  RETURN := GET_SUB_OPTION
$  IF SUBOPTS .NES. "" THEN GOTO EX_SUB_OPT
$  WRITE SYSS$OUTPUT " "
$  IF REMOVED_SUB_OPTIONS .NES. "" -
$    THEN WRITE SYSS$OUTPUT "Sub-option(s) previously removed: ",REMOVED_SUB_OPTIONS,""
$  WRITE SYSS$OUTPUT " "
$  WRITE SYSS$OUTPUT "What sub-option(s) do you want removed for option ",OPTION,"."
$  INQUIRE SUBOPTS "Sub-options must be separated by commas, e.g., A,C,F"
$  SAVE SUBOPTS = SUBOPTS
$  IF SUBOPTS .EQS. "" THEN GOTO GET_SUB_OPTION
$  IF SUBOPTS .EQS. "HELP" THEN GOTO HELP_SUB_OPTION
$
$  Extract and validate sub-option, update sub-options list
$
$EX_SUB_OPT:
$  IF SUBOPTS .EQS. "" THEN GOTO ALL_DONE
$  SUB_OPTION = SUBOPTS
$  IF F$LOC(" ",SUBOPTS) .NE. F$LEN(SUBOPTS) THEN SUB_OPTION = F$EXT(0,F$LOC(" ",SUBOPTS),SUBOPTS)
$VALIDATE_SUB_OPTIONS:
$  SUBOPTS = SUBOPTS - SUB_OPTION - " ,"
$  SUB_OPT_RETURN = OPT_RETURN
$  IF SUBOPTS .NES. "" THEN SUB_OPT_RETURN := GET_SUB_OPTION
$  VALID_OPT = VALID_OPTION
$  IF F$LOCATE(SUB_OPTION,VALID_OPT) .EQ. -
$    F$LENGTH(VALID_OPT) THEN GOTO BAD_SUB_OPTION
$
$  TOTAL_OPT = OPTION + " " + SUB_OPTION
$  REMOVED_SUB_OPTIONS = REMOVED_SUB_OPTIONS + " " + SUB_OPTION
$
$
$  Is the SEARCH utility installed?
$
$CHECK_SEARCH:
$  SRCH = F$SEARCH("DEFEXE\SEARCH.EXE")
$
$
$  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-

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      /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 C_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 SYSS$OUTPUT '%WARNING - No UVMS qualifier on record: '
$ WRITE SYSS$OUTPUT '""''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 SYSS$OUTPUT '%WARNING - Invalid UVMS qualifier on record:'
$ WRITE SYSS$OUTPUT '""''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:
$ 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:

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SENDER:
$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 ""
$   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
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$ ON CONTROL_Y THEN GOTO CLOSE_DATAF
$HELP_READ:
$ READ/END OF FILE=HELP_FINISH DATAF RECORD
$ IF FSEXTRACT(0,1,RECORD) .NES. "" THEN GOTO HELP_FINISH
$ IF FSEXTRACT(1,1,RECORD) .NES. "*" THEN GOTO HELP_READ
$ VALID = FSEXT(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

```



