

6  
8  
10  
12  
14

16  
18  
20  
22  
24

34

36

38

44  
46



```

$! PHINEAS (C) 1985 BY CCC.
$! CONTACT FRIMP, DEEP THOUGHT, VIC OR WANDERER FOR MODIFICATIONS.
$ SET ON
$ SET NOCONTROL
$ ON ERROR THEN GOTO ERRL
$ W := WRITE SYS$COMMAND
$ INPUT := INQUIRE/NOPUNC
$ DUMP_TEXT := TYPE SYS$INPUT
$ BRK := "$BRK" !BRKTHRU image installed with oper
$ SNAME=""
$ ONAME=""
$!
$ W "DIALOG AND CONFERENCING SYSTEM PHINEAS V3.2 (5-SEP-1989 / VIC)"
$ W ""
$ W "(C) 1985 BY CCC. USE HELP OR ? FOR COMMANDS"
$!
$ OLDPRIVS = F$SETPRV("WORLD")
$ IF F$PRIVILEGE("WORLD") .NES. "TRUE" THEN GOTO NOPRIV
$ MASTERPID = F$GETJPI("", "MASTER_PID")
$ OLDTRM := 'F$GETJPI(MASTERPID, "TERMINAL")
$ OWN := 'F$GETJPI(MASTERPID, "USERNAME")
$ W "YOU ARE 'OWN' ON 'OLDTRM' AT 'F$TIME()' "
$ W ""
$ LABEL := "LOOP"
$ GOTO NAME
$ LOOP:
$ INPUT CMD "PHINEAS> "
$ IF CMD .EQS. "" THEN GOTO LOOP
$ CMD = F$EXTRACT(0,4,CMD)
$ I = F$LOCATE("!'CMD'", "WHO !CALL !NAME !EXIT !QUIT !MEHL !HELP !? ")
$ CMD = F$EXTRACT(I,5, "WHO CALL NAME EX EX MBX HLP HLP CMDER")
$ GOTO 'CMD
$ CMDER:
$ W "%COM-ERR INVALID COMMAND"
$ GOTO LOOP
$ WHO:
$ W f$fao("!_!60*=")
$ W " PHINEAS users on 'f$trnlnm("SYS$NODE")' at 'f$time()' "
$ W f$fao("!_!60*=")
$ W f$fao("!_!30AS !10AS", "User", "Terminal")
$ W f$fao("!_!60*=")
$ context=""
$ WHO_ALL:
$ pid=f$pid(context)
$ if pid .eqs. "" then goto WHO_END
$ pnam=f$getjpi(pid, "PRCNAM")

```



```

$ if f$extract(0,1,pnam) .eqs. "#" then goto WHO_ALL
$ W f$fa0( "!_!30AS !10AS",f$extract(1,30,pnam), -
    f$getjpi(f$getjpi(pid,"MASTER_PID"),"TERMINAL") )
$ goto WHO_ALL
$ WHO_END:
$ W f$fa0( "!_!60*=")
$ goto 'label
$!
$ NOTRM:
$ W "%TRM-ERR TERMINAL NOT ONLINE"
$ CALL:
$ label := "NEXT_MSG"
$ NEXT_MSG:
$ read/prompt="''sname'> " sys$command text
$ if text .eqs. "" then goto NEXT_MSG
$ FIRST := 'F$EXTRACT(0,1,TEXT)
$ IF (FIRST .EQS. "%") THEN GOTO CHANGE
$ IF (FIRST .EQS. "&") THEN GOTO VMS
$ text="''sname': ''text'"
$ gosub OUTIT
$ goto NEXT_MSG
$!
$ OUTIT:
$ context=""
$ TO_ALL:
$ pid=f$pid(context)
$ if pid .eqs. "" then RETURN
$ if pid .eqs. f$getjpi("", "PID") then goto TO_ALL
$ pnam=f$getjpi(pid,"PRCNAM")
$ if f$extract(0,1,pnam) .eqs. "#" then -
    brk 'f$getjpi(f$getjpi(pid,"MASTER_PID"),"TERMINAL") "''text'" !SEND THE MESSAGE
$ goto TO_ALL
$!
$ CHANGE:
$ TRM := 'F$EXTRACT(1,5,TEXT)
$ I = F$LOCATE("''TRM'", "!WHO !EXIT!QUIT!NAME!MEHL!HELP!? ")
$ TRM = F$EXTRACT(I,5, "WHO EX EX NAME MBX HLP HLP PORT")
$ GOTO 'TRM
$ PORT:
$ W "%COM-ERR INVALID COMMAND"
$ GOTO 'LABEL
$!
$ VMS:
$ IF (TEXT .EQS. "&&") THEN GOTO EMULATE
$ 'F$EXTRACT(1,F$LENGTH(TEXT),TEXT)
$ GOTO NEXT_MSG
$ EMULATE:
$ ON ERROR THEN GOTO VLOOP

```



```

$ W "VMS-EMULATOR ENTERED. TYPE QUIT TO RETURN TO PHINEAS"
$ VLOOP:
$ INPUT VCMD "$$ "
$ IF (VCMD .EQS. "QUIT") THEN GOTO RETURN
$ 'VCMD
$ GOTO VLOOP
$ RETURN:
$ ON ERROR THEN GOTO ERRL
$ GOTO NEXT_MSG
$ ERRL:
$ W "%DIA-ERR DIALOG MODE ERROR"
$ GOTO 'LABEL
$ MBX:
$ IF F$SEARCH("MEHL.COM") THEN $MEHL
$ W "<EOM - END OF MEHLBOX>"
$ GOTO 'LABEL
$ HLP:
$ DUMP_TEXT

```

NAME	ENTER SESSION/PROCESS NAME
WHO	LIST OF INTERACTIVE USERS
CALL	ENTER CONFERENCE
EXIT/QUIT	QUIT PHINEAS
MEHL	ENTER MEHLBOX (PENG0 & CO.)

IN CALL MODE, THE COMMANDS NAME WHO EXIT/QUIT MEHL HELP CAN BE EXECUTED BY TYPING %COMMAND, I.E. %WHO .

TO EXECUTE VMS COMMANDS IN CALL MODE, JUST TYPE &COMMAND, I.E. &DIR, IF YOU TYPE &&, YOU'LL ENTER THE VMS EMULATOR MODE (QUIT TO RETURN).

```

$ TRM := 'OLDTRM
$ GOTO 'LABEL
$ NAME:
$ oname=sname
$ INPUT SNAME "PLEASE ENTER SESSION NAME : "
$ IF SNAME .EQS. "" THEN GOTO NAME
$ SET PROCESS/NAME="#'SNAME'"
$ text="+++ 'sname' +++"
$ if oname .nes. "" .and. oname .nes. sname then -
    text=">>> 'oname' is now known as 'sname' >>>"
$ gosub OUTIT
$ TRM := 'OLDTRM
$ GOTO 'LABEL
$ MULTI:

```



```

$ MSG := 'F$EXTRACT(I+1,LEN-I,TEXT)
$ CON := 'F$EXTRACT(0,I,TEXT)
$ J = 0
$ ON ERROR THEN GOTO NOTSENT
$ SENDM:
$ MTRM := "NVA'"F$EXTRACT(J,1,TEXT)'"
$ EXISTS := 'F$GETDVI(MTRM,"EXISTS")
$ IF EXISTS .EQS. "FALSE" THEN GOTO NOTSENT
$ REPLY/TERM='MTRM "'SNAME':"'CON': "'MSG'"
$ INCR:
$ J = J + 1
$ IF J .LT. I THEN GOTO SENDM
$ ON ERROR THEN GOTO NEXT_MSG
$ GOTO NEXT_MSG
$ NOTSENT:
$ W "%DIA-NOTSENT NOT SENT TO '"MTRM'"
$ GOTO INCR
$ NOPRIV:
$ W "SORRY, YOU MUST HAVE WORLD PRIVILEGE TO RUN THIS VERSION OF PHINEAS!"
$ EX:
$     text="---'"sname'---"
$     gosub OUTIT
$     DUMMY = F$SETPRV(OLDPRIVS)
$     SET PROCESS/NAME="___'"OLDTRM'"
$     W ""
$     W "THANX FOR USING PHINEAS. INSTALL IT ON EVERY VAX YOU'LL FIND. YOUR CCC."
$     W ""
$     WAIT 0:0:5
$     SET CONTROL
$     EXIT

```