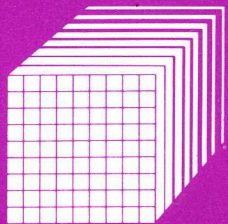




*Personal Computer  
Productivity Series*

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**IBM Virtual Machine/  
Personal Computer  
Quick Reference Card**



6137741

CP Commands

Command Options and Parameters

\* any comment
#CP [commandline1 [#commandline2 #...]]
ATTN
Begin [hexloc]
Change {Printer} {spoolid} {Hold NOHold} {NAME fn [ft]}
PRT {ALL} {COPY nnn}

Close {Printer} {PURge FORM form}
PRT {HOLD NOHold} [Dist distcode] [NAME fn [ft]]
dvcadr

CP [commandline1 [#commandline2 #...]]

DEFine {STORage [As] {nnnnK}
PRT {nM}
Printer PRT [As] dvcadr
CONSole [As] dvcadr
1403
3800
TFB-512 [As] dvcadr [BLK] nnnnn
dvcadr1 [As] dvcadr2}

DETach {dvcadr [dvcadr...]}
{dvcadr1-dvcadr2}

Display {hexloc1 [hexloc2]
Lhexloc1 [END]
Thexloc1
Khexloc1
{.} [bytecount]
END
Greg1 {hexloc1 [hexloc2]
: [END]
{.} [regcount]
END
% +Xddd {reg2 [bytecount]
: [END]
Yreg1 {hexloc1 [hexloc2]
: [END]
Psw

DUmp {hexloc1 [hexloc2]
Lhexloc1 [END]
Thexloc1
{.} [bytecount]
END} [\*dumpid]

EXtErnal [code]
40

Ipl CMS [parm string]

LiNK [To] userid dvcadr1 [As] dvcadr2 [mode]
{[PASS=] password} [LOCAL REMOTE]

LOGoff
LOGout

ORDer {Printer} spoolid1 spoolid2...
PRT
PURge {Printer} {spoolid1 spoolid2...}
PRT {ALL ACTIVE [Hold]}

QueRy {USERID CPLEVEL Time SET TERMINAL PF[mn] UR STORage CONSole DASd dvcadr}
{VIRTUAL [ALL]}
{Printer} [spoolid] [NOHold Hold] [ALL] [TBL]}

REQuEst
SET {IMSG; LINEDit RUN} {ON OFF}
{EMSG; CODE TEXT} {ON OFF}
PFnn [IMMed pfdata1#... DELayed [ICc] [BLb] pfdata1#... RETRIeve]

SPool {Printer} {To For} {userid} {HOLD NOHold} {CONT NOCont}
PRT {OFF}
dvcadr
[Class c]
[COpy nnn] [LINect nnn]
[FLash name nnn] [MODify name]
[CHars name] [FCB name]
[FORM {form} SEP NOSep]
{OFF}
[Dist {distcode} OFF]
PURGE CLOSE

StORe {hexloc Lhexloc hexword1 [hexword2...]}
Shexloc hexdata...
GREG {hexword1 [hexword2...]}
YREG {hexword1 [hexword2...]}
Psw [hexword1] hexword2

TAG {DEV {Printer} [tagtext]}
PRT dvcadr
QUERY DEV {Printer}
PRT dvcadr}

TERMiNal {CHardel LINEDel LINEnd EScape} {ON OFF char}
{HILight} {ON OFF}
{PA2} {FULL HALF}
{MODE} {CP VM}
{WRAP} {ON OFF}
{APL} {ON OFF}

TRace {SVC [nn] DIAG [nn] PRIV [nn] PROGRAM} {END Printer}
{Instr Store BRANCH} {hexloc1 [-hexloc2 .bytecount]} {CONSOLE [NORun RUN] [PASS [0|nn] [CMDtext]]}
{GREG% [+Xddd] [.bytecount]}
END

CMS Commands

Command Options and Parameters

ACcess [cuu mode[/ext [fn [ft [fm]]]] (ERASE {})]
101 A

CMDCALL [cmd [operand1 [operand2 ... operandn]]]

COMpare fileid1 fileid2 [(option{})]

option:
COL [mmm[-]nnn]
1 lrecl

CONWAIT

COPYfile fileid1 [fileid2...] [fileid] [(options...{})]

options:
[Type NOType] [NEWDate OLDDate] [NEWfile REPlace] [PRompt NOPrompt]
[FRom recno FRLabel xxxxxxxx] [FOR numrec TOTLabel xxxxxxxx] [SPecs NOSpecs]
[OVly Append] [RECFm {F V}] [LREcl nnnnn] [TRUnc NOTRunc]
[PAck UNPack] [FILL c FILL hh FILL 40] [EBcdic] [UPcase LOWcase] [TRANS]
[Single]

CP [commandline]

DEBUg

DEFAULTS [Set FILELIST options... List]

DESBUF

DROPBUF n

ERASE {fn} {ft [fm]} [(Type {})]
{\*} {\*} [\*] [Notype]

ESTATE and ESTATEW

{fn} {ft} {fm}

[EXec] fn [arguments...]

EXECIO {lines} {DISKR fn ft [fm[linenum]] [([FINIS] [a] [b])]}
{\*} {CP [a] [b] [d] [l]}
{DISKW fn ft fm [linenum] [recfm [lrecl]] [([FINIS] [b] [c] [d] [l])]}
{PRINT [([CC code] [b] [c] [d] [l])]}
{EMSG [([DATA] [b] [c] [d] [l])]}
{ [b] [c] [d] [l] [l]}

Formats for options a, b, c, and d above:

Find /chars/ Margins {n1 n2} cCase {U M} dStringxxx...
Locate /chars/ STRIP {1 \*}
Avoid /chars/
Zone {n1 n2} NOTYPE
{1 \*}
LIFO
FIFO
Skip

EXECOS [cmd [operand1 [operand2...operandn]]]

EXECUPDT fn [ft [fm]] [options... {}]
[EXEC {}]

options:

[CTL fn1] [HISTORY|NOHISTORY]
[COMPRESS|NOCOMPRESS] [SIO|NOSIO]
[NOUPdate]

EXPort fn ft fm d:filename.ext [(options...{})]

options:

[REPLACE]
[REP]
[ASCII]
[NOASCII]
[EOL]
[NOEOL]

FILEdef {ddname nn} {Terminal [(optionA optionC{})]}
{\*} {Printer [(optionA OPTCD j{})]}
{DISK [fn ft [fm] [(optionA optionB{})]]}
{FILE ddname [Al]}
{[[DISK fn ft [fm] [Al]]] {DSN ? DSN qual1 qual2...}}
{FILE ddname [Al]} {DSN qual1 qual2...}
[(optionA optionB{})]
DISK vaddr
DUMMY [(optionA{})]
GRAF cuu [(optionA{})]
CLEAR

optionA: [PERM]
optionB: [KEYLEN nnn]
optionC: [UPCASE LOWCASE]
[CHANGE NOCHANGE] [XTENT nnnnn] [50]
[RECFM a LRECL nnnnn] [LIMCT nnn] [OPTCD a]
[DISP MOD]
[BLOCK nnnnn] [MEMBER membername]
[BLKSIZE nnnnn] [CONCAT]
[DSORG {PS PO DA}]

**FILEList** [fn [ft [fm]]] [(options...{})]

**options:**

[Append]  
[Filelist  
Nofilelist]  
[PROfile fn]

**FINIS** fn ft [fm]  
\* \* \*

**FORMAT** cuu mode [noblk] [(options...{})]

**options:**

[Blksize [512  
1024  
2048  
4096  
1K  
2K  
4K]]  
Noerase  
Label  
Recomp

**GENDIRT** directoryname [targetmode]

**Genmod** [fn [MODULE [fm]]] [(options...{})]

**options:**

[FROM entry1] [TO entry2]  
[MAP  
NOMAP] [STR  
NOSTR] [OS  
ALL]  
[[System] [Service]  
[ENDcmd] [IMcmd]  
[Push] {}]

**Global** {MACLIB} [libname1...libname8]  
TXLIB

**GLOBALV** INIT

SELECT [group  
UNNAMED]  
SET  
SETS name1 [value1] [name2 value2...]  
SETP  
[SELECT [group  
UNNAMED]] SETL  
SETLS  
SETSL name [value]  
SETLP  
SETPL  
PUT  
PUTS (name1(name2)...)  
PUTP  
GET (name1(name2)...) [name1 [name2]...]  
LIST [name1 [name2]...]  
STACK name1 [name2]...  
STACKR  
SELECT {group  
unnamed} PURGE  
GRPLIST  
GRPSTACK  
PURGE

**Identify** [(options...{})]

**options:**

[STACK [FIFO  
LIFO]]  
[FIFO  
LIFO  
TYPE]

**IMMCD** {SET  
CLEAR  
QUERY  
STATUS} name a

**IMP** d:filename.ext fn ft fm [(options...{})]

**options:**

[REPLACE  
REP]  
[LRECL nnnn]  
[ASCII  
NOASCII]  
[EOL  
NOEOL]

**Include** fn... [(options...{})]

**options:**

[CLEAR  
NOCLEAR] [RESET {entry}] [ORIGIN {hexloc  
TRANS}]  
[MAP  
NOMAP] [TYPE  
NOTYPE] [INV  
NOINV] [REP  
NOREP] [AUTO  
NOAUTO]  
[LIBE  
NOLIBE] [START] [SAME] [DUP  
NODUP] [RDLSAVE]

**Listfile** [fn [ft [fm]]] [(options...{})]

**options:**

[Header  
NOHeader] [Exec [Trace] [ARGS]] [FName  
FType  
FMode] [Blocks]  
[Trace [ARGS]] [Append [ARGS]] [Format  
Alloc  
Date  
Label] [%x]  
STACK [FIFO  
LIFO]  
FIFO  
LIFO  
XEDIT

**LOAD** fn... [(options...{})]

**options:**

[CLEAR  
NOCLEAR] [RESET {entry}] [ORIGIN {hexloc  
TRANS}]  
[MAP  
NOMAP] [TYPE  
NOTYPE] [INV  
NOINV] [REP  
NOREP] [AUTO  
NOAUTO]  
[LIBE  
NOLIBE] [START] [DUP  
NODUP] [RDLSAVE]

**LOADMod** fn [MODULE [fm]]

**MAClib** {GEN  
ADD  
REP} {libname fn1[fn2...]}  
DEL libname membername1 [membername2...]  
COMP libname  
MAP libname [(options...{})]

**options:**

[TERM  
DISK  
PRINT]

**MAKEBUF**

**MODmap** fn

**NUCXDROP** {name1 name2...}  
\* \*

**NUCXLOAD** name [fn] [[System] [Service]  
[ENDcmd] [IMcmd]  
[Push] {}]

**NUXMAP** [ALL] [(STACK [LIFO  
FIFO] {})]

**PRIn** fn ft [fm] [(options...{})]

**options:**

[CC [HEAdEr] [TRC  
NOTRC]  
[NOCC]] [UPCASE]  
[LINECOUN {nn} MEMBER { \* membername}] [HEX]

**Query**

{LDRTBLS  
RELPAE  
IMPCP  
IMPEX  
ABBREV  
INPUT  
OUTPUT  
SEARCH} [(options...{})]  
DISK {mode  
\*  
R/W  
MAX}  
SYNONYM {SYSTEM  
USER  
ALL}

**options:**

[STACK [FIFO  
LIFO]]  
FIFO  
LIFO

**RELease** {cuu mode} [(DET{})]

**Rename** fileid1 fileid2 [(options...{})]

**options:**

[TYPE  
NOTYPE] [UPDIRT  
NOUPDIRT]

**RESERVE** [fn ft fm]

**SENTRIES**

**SET** function

**functions:**

LDRTBLS nn [RELPAE ON  
RELPAE OFF] [OSSIM ON  
OSSIM OFF]  
[ABBREV ON  
ABBREV OFF] [IMPEX ON  
IMPEX OFF] [INPUT {a xx  
xx yy}]  
[IMPCP ON  
IMPCP OFF] [CMSTYPE {HT  
RT}] [OUTPUT {xx a}]  
[EXECTRAC ON  
EXECTRAC OFF] [IMESCAPE ON  
IMESCAPE OFF  
IMESCAPE char]

**SORT** Fileid1 Fileid2

**START** [entry [arguments...]]  
[ \*  
[option{}]]

**option:**

NO

**STATE and STATEW**

{fn} {ft} {fm}

**SYNonym** [fn [SYNONYM [fm  
A1]]] [(options{})]

**options:**

[STD  
NOSTD] [CLEAR] [USER  
SYSTEM]

**TXlib**

{GEN libname fn1 [fn2...]  
ADD libname fn1 [fn2...]  
DEL libname membername1 [membername2...]  
MAP libname [(options...{})]}

**options:**

[TERM  
DISK  
PRINT]

**Type** fn ft [fm] [rec1 [recn]] [(options...{})]  
\* \*  
1 1

**options:**

[HEX] [COL {xxxxx} - [yyyyy  
arec1]] [MEMBER { \* name}]

**Update** fn1 [ft1 [ASSEMBLE [fm1 [fn2 [ft2 [fm2]]]]]] [(options{})]  
A1

**options:**

[REP  
NOREP] [SEQ8  
NOSEQ8] [INC  
NOINC] [CTL  
NOCTL] [OUTMODE fm]  
[STK  
NOSTK] [TERM  
NOTERM] [DISK  
PRINT] [STOR  
NOSTOR]  
[LINECOUN nn]

**XEDIT** [fn [ft [fm]]] [(options...{})]

**options always valid:**

[Width nn]  
[NOScreen]  
[PROfile macroname]  
[NOPROfil]  
[NOCLear]  
[NOMsg]

**options in UPDATE MODE:**

[Update]  
[NOUpdate]  
[Seq8]  
[NOSeq8]  
[Ctl fn1]  
[NOctl]  
[Merge]  
[Until filetype]  
[Incr nn]  
[SIDcode string]

HI  
HT  
HX  
RT  
TE  
TS