



Master Command Substitution list

Module: pcl5emastercluster.cpp

<u>Command</u>	<u>Description</u>
SCSconvert	Process SCS data as an input
SCSPreProcess	Process SCS data before the PCL processor
ClusterSetup	Make this substitution in the input data stream

Module: pcl5emasterweaver.cpp

<u>Command</u>	<u>Description</u>
POLICYHEADER	This is the value that precedes the policy number normally AP

Module: MasterDriver.cpp

<u>Command</u>	<u>Description</u>
AllDuplex	Makes the banner pages duplex if the job is duplex
BinResetOptions	Send a Reset if the Bin changes
TrayOnly	Only set the tray on not the page size
SideFormFeed	Get to the next side of a page using a form feed
LandPrintPortX	This is the X offset for landscape printing portrait
LandPrintPortY	This is the Y offset for landscape printing portrait
RevLandPrintPortX	This is the X offset for reverse landscape printing portrait
RevLandPrintPortY	This is the Y offset for reverse landscape printing portrait
PortPrintLandX	This is the X offset for portrait printing landscape
PortPrintLandY	This is the Y offset for portrait printing landscape
RevPortPrintLandX	This is the X offset for reverse portrait printing landscape
RevPortPrintLandY	This is the Y offset for reverse portrait printing landscape
XeroxHMI	This disables using the HMI vectors in the PCL mode
OriginalOffsets	This uses the printer offset commands
SimplexRotate	Rotate PCL/PS Simplex. Set the duplex punched to Simplex
DuplexRotate	Rotate PCL/PS Duplex. Set the duplex punched to Duplex
PortraitRotate	Rotate PCL/PS Portrait. Set the duplex punched to Portrait only.
LandscapeRotate	Rotate PCL/PS Landscape. Set the duplex punched to Landscape only.
Reverseportlandoffsets	Rotate the effect of the offset in the portrait direction
XeroxPortRotate	For the Xerox DP65 printer, rotate the portrait orientation
BINTOGGLE	For PS and PDF Enter a string to toggle the bin of the printer
PJLCOMMANDS	Enter a PCL command to the beginning of the PCL print data
PJLENDSCOMMANDS	Enter a PCL command to the ENDING of the PCL print data
FLD	Load all Fonts utilized completely... Do no use in new installations
FontLoadFlag	Load all font utilized completely

OriginalFontNumbers	Load Font for forms with there original font number
PageInformation	Place page information on each page printed

Module: MasterPCL5e.cpp

<u>Command</u>	<u>Description</u>
DuplexReverseOffset	Reverses the offset of back pages
ReverseOffsetSide	Reverses the direction of the back side using offset commands
DebugLines	Adds test lines to each page
A3Direction	Rotates the A3 direction of printing
Xerox4Mcompatibility	Make the output data stream compatible with Xerox M4 printers
NoBins	Removes bin commands from the output
OcePCL	Makes the output compatible with Oce Printers

Module: MasterPS.cpp

<u>Command</u>	<u>Description</u>
VirtualDuplex	Make virtual duplex pages
PSBannerNaming	Put the job name in the Postscript data header

Module: MasterTIFF.cpp

<u>Command</u>	<u>Description</u>
SetBannerNames	Put the job names in the comma 20 print files
ReversePortrait	Reverse Portrait pages
ReverseLandscape	Reverse Landscape pages

Module: MasterUtil.cpp

<u>Command</u>	<u>Description</u>
BANNERSTART	Start the banner printing when a line of text exceeds this value... default is 0
BANNERFontSize	Set the size of the text font used on banner pages

Module: FSLprimitives.cpp

<u>Command</u>	<u>Description</u>
FsYLand	Landscape offset in Y direction
FsXLand	Landscape offset in X direction
FsYPort	Portrait offset in Y direction
FsXPort	Portrait offset in X direction
LogoCheck	Check the location of the Logos
PSShading	Simplifies the shading for the PCL to Postscript converter

Module: inputrecord.cpp

<u>Command</u>	<u>Description</u>
RECORDSTART	Set the number of beginning records to skip
DATASTART	Set the beginning character of each record
FILESTART	Number of Characters to bypass at the beginning of each file
TransparentData	Use the SCS Transparent byte to process records
ScsVfu	Use SCS VFU Commands

Module: Jobana.cpp

<u>Command</u>	<u>Description</u>
BannerNameLocation	Start looking for the Banner name at this location
BANNERSEQ1	This is the Banner name flag
BANNERNAME1	This is the guide for finding the Banner name
BANNERSEQ2	This is the Banner ID flag
BANNERNAME2	This is the guide for finding the job ID, default is JOBID
BANNERSEQ3	This is the Banner Room flag
BANNERNAME3	This is the guide for finding the job Room, default is ROOM
BannerSearch	Set the banner search distance
PciPassThrough	Detect the file type and if PCL passes through to the printer
PSPassThrough	Detect the file type and if PS passes through to the printer
JobTestFlag	Switch a job that meets these characteristics
JobTestValue	Test value for switching a job to another Queue
JobTestDistance	Distance to search for a value for switching a job to another Queue
JobTestDirectory	Switch to job to this queue directory
JobTransfer	Switch to job to this queue directory

Module: Jobfonts.cpp

<u>Command</u>	<u>Description</u>
OldVerticalSpacing	Use the fonts point size variable instead of cell height. Cell height is incorrectly calculated in older revisions

Module: Jobfsl.cpp

<u>Command</u>	<u>Description</u>
FSLTRACE	Turn on a TRACE for all FSL operations

Module: Jobmiscs.cpp

<u>Command</u>	<u>Description</u>
SAFETRACE	Open and closes the list file on each call
DEBUGTXT	No Explanation
DEBUGPAG	No Explanation
DEBUGLIN	No Explanation
DEBUGCAL	No Explanation
SUPERTRACE	Display maximum detail log
SUPERTRACE2	No Explanation
SUPERTRACE3	Display the input to the lexicon analyzer
SUPERViewText	No Explanation
SUPEROperation	No Explanation
SUPERLexicon	No Explanation
SUPERLexiconCommands	No Explanation
SUPERLexiconDetails	No Explanation
SUPERDriver	No Explanation
SUPERDriverDetail	No Explanation
SUPERResource	No Explanation
DisableOtext	Disable Otext and Itext messages
CheckFontEBCDIC	Sequence the font test to use EBCDIC codes

Module: Joboperationbuilder.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
PrnXOffset	Set the X offset on import of Prn forms
PrnYOffset	Set the Y offset on import of Prn forms
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Joboperationbuilderold.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
PrnXOffset	Set the X offset on import of Prn forms
PrnYOffset	Set the Y offset on import of Prn forms
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Joboperationcluster.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font

Module: Joboperationjide.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
PrnXOffset	Set the X offset on import of Prn forms
PrnYOffset	Set the Y offset on import of Prn forms
PCLImage	Make a PCL image of all image imports
BMPImage	Make a BMP image of all image imports
TESTMRCDBOUNDS	Show the maximum size of MRCD forms
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Joboperationpcl5.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
DEFAULTPAGESIZE	0 sets the default page size to letter, 1 sets the default page size to A4
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Joboperationtcii.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Joboperationtraffic.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
PrnXOffset	Set the X offset on import of Prn forms
PrnYOffset	Set the Y offset on import of Prn forms
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Joboperationweaver.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font

Module: Joboperationxes.cpp

<u>Command</u>	<u>Description</u>
DEFAULTFONT	Set the Default Font
PrnXOffset	Set the X offset on import of Prn forms
PrnYOffset	Set the Y offset on import of Prn forms
TESTMRCDBOUNDS	Show the maximum size of MRCD forms
CCS	Kill the pages before this page number, default is 0
CCE	Kill the pages after this page number, default is 9999999

Module: Jobrecord.cpp

<u>Command</u>	<u>Description</u>
OverLayExistintCount	No Explanation
SupressEbcdicspaces	In an Ascii file also suppress any Ebcdic spaces at the end of a record
AUTORECORDS	No Explanation
TRADITIONALANSICRLF	No Explanation
RemoveCConFF	Do not insert a Carriage Control character after a Form Feed character
StartEndRecord	No Explanation
RECORDSTART	Set the number of beginning records to skip
FILESTART	Number of Characters to bypass at the beginning of each file
TransparentData	Use the SCS Transparent byte to process records
ScsVfu	Use SCS VFU Commands
CCEbcdic	Indicates the Carriage control is in Ebcdic
CCAscii	Indicates the Carriage control is in Ascii
VfuCustom	Enter the line numbers of a custom VFU table

Module: Buildermast.cpp

<u>Command</u>	<u>Description</u>
NullReplacement	Replace nulls with spaces
PCL5eRemoval	Remove all PCL:5e commands
Sduplex	Start duplex printing at the page specified, default is 0
RECORDSTART	Kill all records to this value
CHARACTERSTART	Kill character in the print file before number, default is 0
FormFeedAddLF	Add a line feed to all Form Feeds

Module: Builderpage.cpp

<u>Command</u>	<u>Description</u>
RecordTerminationChar	No Explanation
RecordSeparationChar	No Explanation
BuilderStartPage	Pages to skip before processing
BuilderStartPageScan	Pages to skip before processing
BuilderStartPageRecord	Pages to skip before processing

Module: Djdefont.cpp

<u>Command</u>	<u>Description</u>
DjdeFontNumberScan	Check all fonts for duplicate font name and numbers
CheckFontList	Check the font indexes at the beginning of each job

Module: Djdejsl.cpp

<u>Command</u>	<u>Description</u>
DJDEOrientLandscape	Set the default font orientation, default is Landscape FMT7
DisplayAllJobs	No Explanation

Module: Djdelex.cpp

<u>Command</u>	<u>Description</u>
CARRIAGECONTROL	Set the Carriage Control
CCOVER	Set the Carriage Control old mode... DO NOT USE!!
PIOVER	Enter a Font index location value
TXTOFFSET	Set the actual text offset
CCINPUT	No Explanation
CCJSL	No Explanation
IdenOffset	Overrides the iden location
PccOffset	Overrides the Carriage Control location
FontIndexOffset	Overrides the font index Location
GenerateEndFormFeed	Generate a Form Feed on an end statement
GenerateEndFormFeedLogical	Generate a logical Form Feed on an end statement
Texttracedetail	Add information to the list files
DjdeEbdic	DJDE commands are in Ebdic so translate to Ascii
KillLineStart	Kill Lines starting at this value
KillLineIncrement	Kill Line Increments
9700CME	Use the 9700 CME format
KillTextRecord	Kill this line of Text
TEXTBIN	Set the Tray number when forms are printed
WriteAndSkip	Enter a Carriage Control character for Write and Skip
SkipAndWrite	Enter a Carriage Control character for Skip and Write
WindowsSpaceBegin	Begin a Window with the spacing from the previous window
TOFControls	At the Beginning of a page move the print point down tof instead of vfu
RcommandJitter	Allows the banner and R conditional commands to search one character before and one character after for a match
DataFontIndex	Kill the font index if it is inside the data area
FormCallsJob	On a DJDE FORMS= a job is called instead
EndCallsFormFeed	And End statement calls a form feed

Module: Djdemast.cpp

<u>Command</u>	<u>Description</u>
Sduplex	Start duplex printing at the page specified, default=0
DotDebug	Place a dot at each character position
KILLCHARACTER	Kill any instance of this character in the data stream
FONTSUBSTITUTE	Substitute any unknown font for ones called from the True Type font list
OriginalOffsets	Use the offsets from the releases before 4.00
NULL	Pass Nulls through to the emulator
NewLex	Use the new Lexicon with the improved substitution and record systems
OnLFPrintpage	Print a page on a specific line count
KillForms	Print a page on the change of a form
InvertPortraitShift	Reverses the page offset to compensate for reversed paper
InvertLandscapeShift	Reverses the page offset to compensate for reversed paper
NoShiftSimplex	Disables Shifts on Simplex operations
RECORDTYPE	No Explanation
RECORDNUMBER	Specify a record type override, Need the record numbers
PTU	Set the portrait page tumble command
LTU	Set the landscape page tumble command

Module: Djdemeta.cpp

<u>Command</u>	<u>Description</u>
VFUFontOption	Set the VFU default font height to 50 in portrait and 37 in landscape
IgnoreZeroLogicalPages	Kill all pages without marking as logical pages
MetaDotOffset	Set the Metacode placement in the dot direction
MetaScanOffset	Set the Metacode placement in the scan direction
Texttracedetail	Add information to the list files
FontFormIndexOff	Adds in the Forms fonts indexed in the meta font numbering
IgnoreSpaceCharacters	Ignore space characters with Bitmaps

Module: Djderes.cpp

<u>Command</u>	<u>Description</u>
PSCAL	Set the scaling of PDE to 300 or 600 dpi, default 300 dpi
EncryptedFonts	Import Encrypted Fonts
PCLImage	Make a PCL image of all IMG imports
PXLFontScaling	No Explanation

Module: DjderesForm.cpp

<u>Command</u>	<u>Description</u>
PCLImage	Make a PCL image of all IMG imports
FrmXPort	Move Portrait forms on import in the X direction
FrmXLand	Move Landscape forms on import in the X direction
FrmYPort	Move Portrait forms on import in the Y direction
FrmYLand	Move Landscape forms on import in the Y direction
A4ORGFRMOFFSET	Sets the A4 Forms offset to the original values
FormsDefaultOrient	Set the imported forms orientation, 0=portrait, 1=landscape
SetFormsOrient	Set the imported forms orientation, 0=portrait, 1=landscape

Module: DjderesFormI.cpp

<u>Command</u>	<u>Description</u>
PCLImage	Make a PCL image of all IMG imports
FrmXPort	Move Portrait forms on import in the X direction
FrmXLand	Move Landscape forms on import in the X direction
FrmYPort	Move Portrait forms on import in the Y direction
FrmYLand	Move Landscape forms on import in the Y direction
A4ORGFRMOFFSET	Sets the A4 Forms offset to the original values
FormsDefaultOrient	Set the imported forms orientation, 0=portrait, 1=landscape
SetFormsOrient	Set the imported forms orientation, 0=portrait, 1=landscape

Module: PCL5ecod.cpp

<u>Command</u>	<u>Description</u>
PCLVMI	This is the default VMI value in dots 50.00
PCLHMI	This is the default HMI value in dots 30.00

Module: PCL5elex.cpp

<u>Command</u>	<u>Description</u>
KDKMode	Reads KDKs in the input data stream
Landscape	Set the default orientation, default is landscape
PCLVMI	This is the default VMI value in dots 50.00
PCLHMI	This is the default HMI value in dots 30.00
PCLLANGUAGE	Read the language files
PCLSPACING	Set the default font spacing, Default is fixed
PCLPITCH	Set the default font pitch, default is 10.00 cpi
PCLHEIGHT	Set the default font point size, default is 12.00 points
PCLSTYLE	Set the default font point style, default is upright
PCLWEIGHT	Set the default font weight, default is 0
PCLTYPEFACE	Set the default font typeface, default is 4099

Module: PCL5elexpsform.cpp

<u>Command</u>	<u>Description</u>
PCLVMI	This is the default VMI value in dots 50.00
PCLHMI	This is the default HMI value in dots 30.00

Module: PCL5emast.cpp

<u>Command</u>	<u>Description</u>
LTU	No Explanation
PTU	Set the portrait page tumble command

Module: trafficmast.cpp

<u>Command</u>	<u>Description</u>
NullReplacement	Replace nulls with spaces
PCL5eRemoval	Remove all PCL:5e commands
Sduplex	Start duplex printing at the page specified, default = 0
RECORDSTART	Kill all records to this record
CHARACTERSTART	Kill character in the print file before number, default = 0
FormFeedAddLF	Add a line feed to all form feeds

Module: trafficpage.cpp

<u>Command</u>	<u>Description</u>
RecordTerminationChar	No Explanation
RecordSeparationChar	No Explanation

Module: Xesfont.cpp

<u>Command</u>	<u>Description</u>
CheckFontList	Font list check only
CheckFonts	Test and log all Xes fonts
ExactFontsOnly	Do not substitute any fonts

Module: Xeslex.cpp

<u>Command</u>	<u>Description</u>
PLUSRESET	Reset lex on any plus '+' command
SMARTTABS	Finds the next tab location to print
UCASE	Respond to Uppercase commands
EndLineSpacing	Add a line feed if one is missing
UDK	Set the UDK character in decimal
FDK	Allows the forms UDK to be defined in the form
WRAP	Sets the line print wrap length
OptionalLF	The input has optional line feeds
OptionalCR	The input has optional carriage returns
FormFeedKillOnFont	This kills a form feed for a font orientation change
ALTUDK	Set an optional UDK

Module: Xeslex.cpp (continued)

<u>Command</u>	<u>Description</u>
RECORDCHAR	Specifies and end of record characters
XesOffsetPortX	Portrait offset in the x direction
XesOffsetPortY	Portrait offset in the y direction
XesOffsetLandX	Landscape offset in the x direction
XesOffsetLandY	Landscape offset in the y direction
PlusPActive	Set the Font back to font 0 on job boundaries
DotDebug	Place a dot at each character position
StartSpaces	Start a line with spaces, default = 0
AdjustLineSpacing	Set line spacing to the largest of oldbase+vertical\r\nelse spacing is the vertical font spacing
EscQnoff	Add a form feed on an escape
IgnoreSpaceCharacters	Ignores space characters with bitmaps
SuppressCRLFonfontcall	Kill any CR/LF following a font call

Module: Xesmast.cpp

<u>Command</u>	<u>Description</u>
Sduplex	Start Duplex printing at the page specified
LeftBorder	Set the left print boundary
RightBorder	Set the Right print boundary
TopBorder	Set the top print Boundary
BottomBorder	Set the Bottom print Boundary
MergePageTermPlus	Don't know what this does
PCL	Remove all PCL commands
SCS	Remove all SCS commands
COL	***For Sampling Only*** extends line at this column value
RECORDTRIGGER	***do not use on new installations*** Set a start record trigger value
RECORDTRIGGERLENGTH	***do not use on new installations*** Set a start record trigger length
NULL	Pass a null value to the emulator
RECORDSTART	Kill all records to this value
MMP	Any form smaller that this is ignored, default = 2
FormDoubleAnsi	Remove double ansi carriage control in forms
CarriageReturnNull	***do not use in new installations*** carriage returns followed by nulls are ignored
FormFeedAddLF	Add a line feed to all form feeds
NewLex	Use the new Lexicon with the new and faster substitution system
FirstFormFeed	Kill the first form feed at this setting
ToggleForce	This command forces the bin to toggle
PTU	Set the portrait page tumble command
LTU	Set the portrait page tumble command
KDB	???

Module: Xespage.cpp

<u>Command</u>	<u>Description</u>
JUSTMIN	Set the minimum width of space for justification
JUSTMAX	Set the maximum width of space for justification
DEFAULTPAGESIZE	0 Sets the default page size to letter, 1 sets the default page size to A4

Module: MrcdFont.cpp

<u>Command</u>	<u>Description</u>
MRCDForceFontRotation	Rotate fonts on import
MRCDForceFontNoRotation	Do not rotate fonts on import

Module: MrcdForm.cpp

<u>Command</u>	<u>Description</u>
MRCDXPort	Portrait forms x offset
MRCDXLand	Landscape forms x offset
MRCDYPort	Portrait forms y offset
MRCDYLand	Landscape forms y offset
MRCDXPortLand	Portrait forms landscape scan offset
MRCDXLandPort	Landscape forms Portrait dot offset
MRCDYPortLand	Portrait forms landscape dot offset
MRCDYLandPort	Landscape forms Portrait scan offset
MRCDSHadingOFF	Turn off the forms shading
MRCDCCharOffset	Not quiet sure what this does
MRCReverseOrientation	Reverse form orientation on import

Module: STNDFont.cpp

<u>Command</u>	<u>Description</u>
STNDForceFontRotation	Rotate fonts on import
STNDForceFontNoRotation	Do not rotate fonts on import