

## CICS/BMS Parameters & Constants

Mainframe courses at SYS-ED include:

- |   |  |
|---|--|
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TM

DFHMD Macro Parameters
POS={number   (line,column)}
LENGTH=number
JUSTIFY=(LEFT   RIGHT   BLANK   ZERO)
INITIAL='char-data'
XINIT=hex-data
ATTRB=(ASKIP   PROT   UNPROT.) [NUM,][BRT   NORM   DRK.] [DET.] [IC.] [FSET.]
COLOR = {DEFAULT   color}
HIGHLIGHT = {OFF   BLINK   REVERSE   UNDERLINE}
VALIDN={MUSTFILL   MUSTENTER   TRIGGER}
GRPNAME=group-name
OCCURS=number
PICIN='value'
PICOUT='value'
OUTLINE=BOX(LEFT   RIGHT   OVER   UNDER)

DFHMDI Macro Parameters
SIZE=(line,column)
TERM=type
CTRL={PRINT FREEKB ALARM FRSET}
EXTATT={NO   MAPONLY   YES}
COLOR={DEFAULT   color}
HIGHLIGHT={OFF   BLINK   REVERSE   UNDERLINE}
VALIDN={MUSTFILL   MUSTENTER   TRIGGER}
COLUMN={num SAME NEXT}
LINE={num NEXT SAME}
JUSTIFY={LEFT RIGHT,}{FIRST LAST}
DATA={FIELD BLOCK}
TIOAPFX={YES NO}
HEADER=YES
TRAILER=YES

DFHMSD Macro Parameters
TYPE={DSECT   MAP   FINAL}
MODE={IN   OUT   INOUT}
FOLD={LOWER   UPPER}
CURSLOC={YES   NO}
HIGHLIGHT={OFF   BLINK   REVERSE   UNDERLINE}
LANG={ASM   COBOL   PLI   C}
VALIDN={MUSTFILL   MUSTENTER   TRIGGER}
STORAGE=AUTO
BASE=base
TERM=term-type
TIOAPFX={YES NO}
CTRL={PRINT FREEKB ALARM FRSET}
EXTATT={NO   MAPONLY   YES}
COLOR={DEFAULT   color}



DFHBMS Constant	Meaning
DFHBMPEM	Printer end-of-message
DFHBMPNL	Printer new-line
DFHBMPPF	Printer form feed
DFHBMPCR	Printer carriage return
DFHBMASK	Autoskip
DFHBMUNP	Unprotected
DFHBMUNN	Unprotected and numeric
DFHBMPRO	Protected
DFHBMBRV	Bright
DFHBMDBR	Dark
DFHBMFSE	MDT set
DFHBMMPRF	Protected and MDT set
DFHBMASF	Autoskip and MDT set
DFHBMASB	Autoskip and bright
DFHBMPSO	shift-out value X'0E'
DFHBMPSI	shift-in value X'0F'
DFHBMEOF	Field erased
DFHBMCUR	Field containing cursor
DFHBMCEC	Erased field containing cursor (COBOL only)
DFHBMFLG	Flags (COBOL only)
DFHBMDET	Field detected
DFHSA	Set attribute (SA) order
DFHERROR	Error code
DFHCOLOR	Color
DFHPS	Programmed symbols
DFHHLT	Highlight
DFH3270	Base 3270 field attribute
DFHVAL	Validation
DFHOUTLN	Outlining attribute code
DFHBKTRN	Background transparency
DFHALL	Reset all to defaults
DFHDFT	Default
DFHDFCOL1	Default color
DFHBLUE	Blue
DFHRED	Red
DFHPINK	Pink
DFHGREEN	Green
DFHTURQ	Turquoise
DFHYELLO	Yellow
DFHNEUTR	Neutral
DFHBASE	Base programmed symbols
DFHDFHI	Normal
DFHBLINK	Blink
DFHREVRS	Reverse video
DFHUNDLN	Underscore
DFHMFIL	Mandatory fill
DFHMENT	Mandatory enter
DFHMFE	Mandatory fill and enter
DFHMT	Trigger
DFHMFT	Mandatory fill and trigger
DFHMET	Mandatory enter and trigger
DFHMFET	Mandatory fill and enter and trigger
DFHUNNOD	Unprotected, nondisplay, nonprint, nondetect MDT
DFHUNIMD	Unprotected, intensify, light-pen detectable, MDT
DFHUNNUM	Unprotected, numeric, MDT

DFHBMS Constant	Meaning
DFHUNINT	Unprotected, numeric, intensify, light-pen detectable, MDT
DFHUNNON	Unprotected, numeric, nondisplay, nonprint, nondetectable,MDT
DFHPROTI	Protected, intensify, light-pen detectable
DFHPROTN	Protected, nondisplay, nonprint, nondetectable
DFHDFFR	Default outline
DFHUNDER	Underline
DFHRIGHT	Right vertical line
DFHOVER	Overline
DFHLEFT	Left vertical line
DFHBOX	Underline and right vertical and overline and left vertical
DFHSOSI	SOSI=yes
DFHTRANS	Background transparency
DFHOPAQ	No background transparency

DFHAID Constant	Meaning
DFHENTER	ENTER key
DFHCLEAR	CLEAR key
DFHPA1-DFHPA3	PA1-PA3 keys
DFHFP1-DFHFP24	PF1-PF24 keys
DFHOPID	OPERID or MSR
DFHMSRE	Extended (standard) MSR
DFHTRIG	Trigger field
DFHPEN	SELECTOR PEN or CURSOR SELECT key
DFHCLRP	CLEAR PARTITION key
DFHSTRF	Structured field pseudo-AID

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