

MOVEDATA**PURPOSE**

Moves to a position on the screen in units of the most recent plot.

DESCRIPTION

The coordinates define the (x,y) value of the position to be moved to. These coordinates are in units of the most recent plot (as opposed to the 0 to 100 units of the standard MOVE command). This command is usually used in conjunction with the TEXT command to label points or bars on a plot.

SYNTAX

MOVEDATA <x> <y>

where <x> is a number or parameter in units of the most recent plot that specifies the desired horizontal coordinate;
and <y> is a number or parameter in units of the most recent plot that specifies the desired vertical coordinate.

EXAMPLES

```
MOVEDATA 123 56
MOVEDATA 0.5 0.2
MOVEDATA 6 2345
```

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

MOVE	=	Move to a point.
TEXT	=	Writes a text string.
DRAW	=	Draws a line.
POINT	=	Draws a point.
ARROW	=	Draws an arrow.
TRIANGLE	=	Draws a triangle.
BOX	=	Draws a box.
HEXAGON	=	Draws a hexagon.
CIRCLE	=	Draws a circle.
SEMI-CIRCLE	=	Draws a semi-circle.
ARC	=	Draws an arc.
ELLIPSE	=	Draws an ellipse.
OVAL	=	Draws an oval.
DIAMOND	=	Draws a diamond.
CROSS-HAIR	=	Activates and reads the cross-hair.

APPLICATIONS

Presentation graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
LET Y = DATA 392 341 307 203 115 59 38 32 29 28
LET STRING S1 = APOLLO
LET STRING S2 = SUN
LET STRING S3 = HP
LET STRING S4 = DEC
LET STRING S5 = SYM
LET STRING S6 = SG
LET STRING S7 = IBM
LET STRING S8 = DG
LET STRING S9 = TI
LET STRING S10 = XEROX
.
LET N = NUMBER Y
LET X = SEQUENCE 1 1 N
LINES BLANK ALL; BAR ON ALL; BAR WIDTH .5 ALL
YMAX 600
XMAX 12
TITLE DEMONSTRATE MOVEDATA COMMAND
PLOT Y X
.
JUSTIFICATION CENTER; HEIGHT 2.0
LOOP FOR K = 1 1 N
  LET X1 = X(K)
  LET Y1 = Y(K); LET Y1 = Y1 + 1.5
  MOVEDATA X1 Y1
  TEXT ^S^K
END OF LOOP
```

