

BOX**PURPOSE**

Draws a box.

DESCRIPTION

The 2 pairs of coordinates define the (x,y) values for opposing corners (respectively) of the box.

SYNTAX

BOX <x1> <y1> <x2> <y2>

where <x1> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for one corner of the box;

<y1> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for one corner of the box;

<x2> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the other corner of the box;

and <y2> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the other corner of the box.

EXAMPLES

BOX 50 50 60 60

BOX 20 70 40 80

BOX 70 80 80 90

BOX X1 Y1 X2 Y2

BOX X1 80 X2 90

NOTE 1

Boxes defined by the BOX COORDINATES command are drawn whenever a subsequent plot is generated. Boxes defined by the BOX command are generated immediately.

NOTE 2

The attributes of the box border are controlled by the BOX PATTERN, BOX COLOR, and BOX THICKNESS commands. The attributes of the box interior are controlled by the BOX FILL COLOR, BOX FILL GAP, BOX FILL LINE, BOX FILL PATTERN, and BOX FILL THICKNESS commands. The size of the box shadow is controlled by the BOX SHADOW HW command. These commands are documented in the Plot Control chapter.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

BOX COORDINATES	=	Generate a box on subsequent plots.
BOX	=	Draws a box (immediately).
BOX COLOR	=	Sets the colors for box borders.
BOX PATTERN	=	Sets the line styles for box borders.
BOX THICKNESS	=	Sets the line thicknesses for box borders.
BOX FILL COLOR	=	Sets the colors for box fill patterns.
BOX FILL GAP	=	Sets the spacings for box hatch patterns.
BOX FILL LINE	=	Sets the line types for box hatch patterns.
BOX FILL PATTERN	=	Sets the fill patterns for boxes.
BOX FILL THICKNESS	=	Sets the line thicknesses for box hatch patterns.
BOX SHADOW HW	=	Sets the height and width of box shadows.
ARROW	=	Draws an arrow.
TRIANGLE	=	Draws a triangle.
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.
DRAW	=	Draws a line.
MOVE	=	Moves to a point.

APPLICATIONS

Presentation graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

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JUSTIFICATION CENTER
.
BOX 10 85 40 95
MOVE 25 97
TEXT SIMPLE BOX
.
BOX SHADOW HW 0.0 0.0
BOX 10 65 40 75
MOVE 25 77
TEXT SIMPLE BOX WITH NO SHADOW
.
BOX PATTERN DASH
BOX 10 45 40 55
MOVE 25 57
TEXT BOX PATTERN DASH
.
BOX PATTERN SOLID
BOX THICKNESS 0.3
BOX 10 25 40 35
MOVE 25 37
TEXT BOX THICKNESS 0.3
.
BOX COLOR G50
BOX 10 5 40 15
MOVE 25 17
TEXT BOX COLOR G50
BOX THICKNESS 0.1
BOX COLOR BLACK
.
BOX FILL PATTERN ON
BOX FILL COLOR G50
BOX 60 85 90 95
MOVE 75 97
TEXT BOX FILL PATTERN ON (COLOR = G50)
BOX FILL COLOR BLACK
.
BOX FILL PATTERN COLOR BLACK
BOX FILL PATTERN D1D2
BOX 60 65 90 75
MOVE 75 77
TEXT BOX FILL PATTERN D1D2
.
BOX FILL GAP 3
BOX 60 45 90 55
MOVE 75 57
TEXT BOX FILL GAP 3
.
    
```

BOX FILL THICKNESS 0.3
BOX 60 25 90 35
MOVE 75 37
TEXT BOX FILL THICKNESS 0.3
BOX FILL THICKNESS 0.1
.
BOX FILL LINE DASH
BOX 60 5 90 15
MOVE 75 17
TEXT BOX FILL LINE DASH
BOX FILL PATTERN OFF

