

BOX ... FILL LINE

PURPOSE

Specifies the line style to use for the interior region of a box to appear on subsequent plots (as specified via the BOX ... COORDINATES command) or boxes generated by the BOX command. Up to 100 boxes can be specified with the BOX ... COORDINATES command. See the Graphics Attributes chapter for a list of available line styles.

DESCRIPTION

This command only applies to pattern fills. It is ignored for solid fills. Also, the BOX FILL PATTERN command must be entered to specify the type of pattern fill.

SYNTAX

BOX <id> FILL LINE <line style>

where <id> is an integer number or parameter in the range 1 to 100 that specifies the box identifier;

and <line style> is a string that specifies the desired line style.

EXAMPLES

BOX 2 FILL LINE SOLID

BOX 2 FILL LINE DASH

NOTE 1

Boxes can be generated in two ways. You can use the BOX COORDINATES command to place boxes on subsequent plots or you can use the BOX command to draw one box immediately. The BOX FILL LINE command is used to specify the line style of the box pattern fill in either case. When the BOX command is used, the line style is set to the line style of the first box (i.e., <id> is 1).

NOTE 2

A BOX ... FILL LINE command with no arguments sets the line style to default. Thus BOX 1 FILL LINE with no arguments sets the FILL LINE for box 1 to default. BOX FILL LINE command with no <id> refers to all 100 boxes. Thus BOX FILL LINE DASH assigns the line style dash to all 100 boxes. BOX FILL LINE with no <id> and no arguments sets the default fill line for all 100 boxes.

DEFAULT

All pattern fills are drawn with solid lines.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
BOX CORNER 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 PATTERN	=	Sets the fill patterns for boxes.
BOX FILL THICKNESS	=	Sets the line thicknesses for box hatch patterns.
BAR PATTERN LINE	=	Sets the line types for bar pattern fills.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

92/8

PROGRAM

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LET CARTER = DATA 66 30 11 43 44 41 35 82 54 36
LET REAGAN = DATA 26 54 84 47 51 51 52 14 36 55
LET X = DATA 1 2 3 5 6 7 8 10 11 12; LET X1 = X - 0.2; LET X2 = X + 0.2
.
YLIMITS 1 12; YTIC OFFSET 1 1; MINOR Y1TIC MARK NUMBER 0
Y1TIC MARK LABEL FORMAT ALPHA
Y1TIC LABEL CONTENT DEMOCRATS INDEPENDENTS REPUBLICANS SP() EAST ...
        SOUTH MIDWEST WEST SP() BLACKS HISPANICS WHITES SP()
XILABEL PERCENT; XLIMITS 0 100
MAJOR XTIC NUMBER 11; MINOR XTIC NUMBER 1
.
LINE BLANK BLANK; BAR ON ON
BAR WIDTH 0.2 ALL; BAR DIRECTION H ALL
BAR FILL ON ON
BAR FILL PATTERN D1 ALL
BAR PATTERN LINE DASH DOT
BAR PATTERN SPACING 3 ALL
BOX FILL PATTERN ON; BOX SHADOW HW 0 0
BOX 1 CORNER COORDINATES 70 80 73 83
BOX 1 FILL LINE DASH
BOX 2 CORNER COORDINATES 70 85 73 88
BOX 2 FILL LINE DOT
LEGEND JUSTIFICATION LECE
LEGEND 1 CARTER; LEGEND 1 COORDINATES 74 81.5
LEGEND 2 REAGAN; LEGEND 2 COORDINATES 74 86.5
TITLE DEMONSTRATE BOX FILL LINE
TITLE SIZE 5
PLOT X1 CARTER AND
PLOT X2 REAGAN
    
```

