

BAR FILL COLOR

PURPOSE

Specifies the color to use for bar fills on subsequent plots. See the Color chapter for a list of available colors.

DESCRIPTION

See the documentation for the BAR command for a description of the various types of bar charts that DATAPLOT can generate. Bar fill colors are specified by trace. All bars belonging to the same trace will have the same bar fill color. This command is used for solid filled bars. The BAR PATTERN COLOR is used for hatch filled bars.

SYNTAX

BAR FILL COLOR <color> <color> <color> etc.

where <color> is a string or an integer number or parameter that specifies the desired color. Up to 100 bar fill colors can be specified.

EXAMPLES

BAR FILL COLOR RED GREEN BLUE

BAR FILL COLOR BLACK ALL

BAR FILL COLOR 2 3 4

BAR FILL COLOR

NOTE 1

The BAR FILL command must be used in order for the bars to be filled. If the bar fill switch is off (the default), this command is ignored.

NOTE 2

DATAPLOT can generate either solid fills or hatch pattern fills. This is controlled by the BAR PATTERN command. If no BAR PATTERN command is specified, solid fills are generated. The BAR FILL COLOR command only applies to solid fill bars. Use the BAR PATTERN COLOR command to set the color for hatch pattern fills.

NOTE 3

The BAR FILL COLOR command with no arguments sets the bar fill color to default for all traces. The BAR FILL COLOR command with the word ALL before or after the specified color assigns that bar fill color to all bars. Thus BAR FILL COLOR BLACK ALL or BAR FILL COLOR ALL BLACK plots bar fills with black for all bars.

DEFAULT

All bar fills are black.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
CHARACTERS	=	Sets the character types for plot points.
LINES	=	Sets the line types for plot points.
SPIKES	=	Sets the on/off switches for plot spikes.
BAR	=	Sets the on/off switches for bars on plots.
BAR BASE	=	Sets the base locations for plot bars.
BAR FILL	=	Sets the on/off switches for plot bar fills.
BAR DIMENSION	=	Sets the bar dimensions to 2d or 3d.
BAR DIRECTION	=	Sets the bar directions to horizontal or vertical.
BAR PATTERN	=	Sets the types for bar fill patterns.
BAR PATTERN COLOR	=	Sets the colors for bar fill patterns.
BAR PATTERN LINE	=	Sets the line types for bar fill patterns.
BAR PATTERN SPACING	=	Sets the line spacings for bar fill patterns.
BAR PATTERN THICKNESS	=	Sets the line thicknesses for bar fill patterns.
BAR BORDER COLOR	=	Sets the colors for bar border lines.
BAR BORDER LINE	=	Sets the types for bar border lines.
BAR BORDER THICKNESS	=	Sets the line thicknesses for bar border lines.

BAR WIDTH = Sets the widths for plot bars.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

Pre-1987

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 - 0.4
LET X2 = X + 0.4
.
HORIZONTAL SWITCH ON
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()
X1LABEL PERCENT; XLIMITS 0 100
MAJOR XTIC MARK NUMBER 11
MINOR XTIC MARK NUMBER 1
LINE BLANK ALL; BAR ON ON
BAR FILL ON ALL
BAR WIDTH 0.2 ALL
BAR FILL COLOR G25 G75
TITLE DEMONSTRATE BAR FILL COLOR
TITLE SIZE 5
PLOT CARTER X1 AND
PLOT REAGAN X

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