

BAR BORDER LINE

PURPOSE

Specifies the line type used to draw the border of bars on subsequent plots. See the Graphics Attributes chapter for a list of available line styles.

DESCRIPTION

See the documentation for the BAR command for a description of the various types of bar charts that DATAPLOT can generate. Bar borders are specified by trace. All bars belonging to the same trace will have the same border line pattern.

SYNTAX

BAR BORDER LINE <type> <type> <type> etc.

where <type> is a string that specifies the desired line type. Up to 100 such values can be specified.

EXAMPLES

BAR BORDER LINE SOLID DASH DOTTED

BAR BORDER LINE SOLID DASH

BAR BORDER LINE SOLID ALL

BAR BORDER LINE

NOTE 1

This command is rarely used. Bar borders are almost always set to solid (the default). On occasion, they are set to blank (when doing solid fills). It is rare to set a bar border to a dash pattern.

NOTE 2

The BAR BORDER LINE command with no arguments sets the bar border line type to solid for all traces. The BAR BORDER LINE command with the word ALL before or after the specified line type assigns that bar border line type to all traces; thus BAR BORDER LINE SOLID ALL or BAR BORDER LINE ALL SOLID plots all bar border lines as solid.

DEFAULT

All bar borders are solid.

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 bars on plots.
BAR FILL	=	Sets the on/off switches for plot bar fills.
BAR FILL COLOR	=	Sets the colors for 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 THICK	=	Sets the line thicknesses for bar fill patterns.
BAR BORDER COLOR	=	Sets the colors 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 - 0.22
LET X2 = X + 0.22
.
HORIZONTAL SWITCH ON
YLIMITS 1 12
YTIC OFFSET 1 1
MINOR YTIC MARK NUMBER 0
YTIC MARK LABEL FORMAT ALPHA
YTIC 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 BLANK
BAR ON ON
BAR WIDTH 0.2 ALL
BAR BORDER LINE DASH DOTTED
TITLE DEMONSTRATE BAR BORDER LINE; TITLE SIZE 5
.
PLOT CARTER X1 AND
PLOT REAGAN X2
    
```

