... TIC MARK LABEL FONT

PURPOSE

Specifies the font of the labels associated with the major tic marks on subsequent plots. See the documentation for the FONT command in the Diagrammatic Graphics chapter for a list of available fonts with sample output for each font.

SYNTAX

<prefix>TIC MARK LABEL FONT <font>

where <prefix> is one of the following:

X1	refers to the bottom horizontal side;
X2	refers to the top horizontal side;
X	refers to both horizontal sides;
Y1	refers to the left vertical side;
Y2	refers to the right vertical side;
Y	refers to both vertical sides;
no prefix	refers to all 4 sides;

and   <font> is a character string that specifies the desired font.

EXAMPLES

TIC MARK LABEL FONT SIMPLEX
TIC MARK LABEL FONT
XTIC MARK LABEL FONT SIMPLEX

NOTE 1

It is rare to assign different fonts to tic mark labels on the 4 different sides. Whatever font is chosen for tic labels on one side is invariable chosen for all sides. The most common form (by far) for this command is the general one (with no prefix, as in TIC MARK LABEL FONT SIMPLEX) which defines the font uniformly for tic mark labels on all 4 frame sides.

NOTE 2

A ...TIC MARK LABEL FONT command with no arguments reverts the setting to default; thus X1TIC MARK LABEL FONT with no arguments reverts the bottom horizontal tic label font to hardware characters. A ...TIC MARK LABEL FONT command with no prefix refers to all 4 sides; thus TIC MARK LABEL FONT SIMPLEX sets tic mark labels to simplex for all 4 frame lines. TIC MARK LABEL FONT with no prefix and no arguments reverts the tic label font settings on all 4 sides to default.

DEFAULT

All tic mark labels are generated with hardware characters.

SYNONYMS

TIC LABEL FONT, TICS LABEL FONT, and TICS MARK LABEL FONT are synonyms for TIC MARK LABEL FONT, as in TIC LABEL FONT SIMPLEX and X2TIC LABEL FONT DUPLEX.

RELATED COMMANDS

TIC MARK LABEL	=	Specifies whether or not tic mark labels or drawn.
TIC MARK LABEL ANGLE	=	Sets the angle for tic labels.
TIC MARK LABEL CASE	=	Sets case for tic labels.
TIC MARK LABEL CONTENTS	=	Specify alphanumeric values for tic labels.
TIC MARK LABEL DECIMALS	=	Sets the number of decimals for tic labels.
TIC MARK LABEL DIRECTION	=	Sets the direction (horizontal/ vertical) for TIC MARK labels.
TIC MARK LABEL DISPLACEMENT	=	Sets the distance between tic labels and the frame.
TIC MARK LABEL FORMAT	=	Sets the format (alphanumeric, power of 10, exponential) for tic labels.
TIC MARK LABEL HW	=	Sets the height and width for tic labels.
TIC MARK LABEL JUSTIFICATION	=	Sets the justification for tic labels.
TIC MARK LABEL SIZE	=	Sets the height for tic labels.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE
    89/2

PROGRAM
    LET Y = DATA 392 341 307 203 115 59 38 32 29 28
    LET N = NUMBER Y
    LET X = SEQUENCE 1 1 N
    .
    LINES BLANK ALL
    BAR ON ALL
    BAR WIDTH .5 ALL
    BAR DIMENSION 3 ALL
    BAR FILL ONTS ALL
    .
    XLIMITS 1 10
    XTIC OFFSET 1 1
    YLIMITS 0 500
    MAJOR XTIC MARK NUMBER 10
    MINOR XTIC MARK NUMBER 0
    X1TIC MARK LABEL FORMAT ALPHA
    X1TIC MARK LABEL CONTENT APOLLO SUN HP DEC SYM SGI IBM DG TI XEROX
    TIC MARK LABEL FONT DUPLEX
    .
    LEGEND 1 PRESENTATION GRAPHICS
    LEGEND 2 3-D BAR HISTOGRAM
    TITLE DEMONSTRATE TIC LABEL FONT
    TITLE SIZE 5
    PLOT Y X X