ARROW ... PATTERN

PURPOSE

Specifies the patterns for arrows to appear on subsequent plots (as specified via the ARROW ... COORDINATES command) or arrows generated by the ARROW command. Up to 100 arrows can be specified with the ARROW ... COORDINATES command. See the Graphics Attributes chapter for a complete list of available patterns (i.e., line styles).

SYNTAX

ARROW <id> PATTERN <pattern>

where <id> is an integer number or parameter in the range 0 to 100 that specifies the arrow identifier:

and   <pattern> is a string that identifies the line pattern.

EXAMPLES

ARROW1 PATTERN SOLID
ARROW 2 PATTERN DASH

NOTE 1

This command is rarely used. Plot arrows are almost always drawn with the default line style (i.e., solid lines).

NOTE 2

You can use the ARROW COORDINATES command to place arrows on subsequent plots or you can use the ARROW command to draw one arrow immediately. The ARROW PATTERN command is used to specify the pattern of the arrow in either case. When the ARROW command is used, the pattern is set to the pattern of the first arrow (i.e., <id> is 1).

NOTE 3

An ARROW ... PATTERN command with no arguments sets the arrow pattern to default. Thus ARROW 1 PATTERN with no arguments sets the pattern for arrow 1 to default. An ARROW ... PATTERN command with no <id> refers to all 100 arrows. Thus ARROW PATTERN DASH assigns the pattern dash to all 100 arrows. ARROW PATTERN with no <id> and no arguments sets the pattern to default for all 100 arrows.

DEFAULT

All arrows are drawn with solid lines.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
ARROW	=	Draw an arrow.
ARROW COORDINATES	=	Sets location of plot arrows.
ARROW THICKNESS	=	Sets the line thickness for plot arrows.
ARROW COLOR	=	Sets colors of plot arrows.
LINE	=	Sets the style for plot lines.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM
        LET X = DATA 1 2 3 4 5 6 7 8 9 10
        LET Y = DATA 2 4 60 7 9 12 14 15 18 20
        .
        XLIMITS 1 10
        XTIC OFFSET 1 1
        YLIMITS 0 60
        YTIC OFFSET 0 5
        .
        ARROW 1 COORDINATES 45 87 36 85
        ARROW 1 PATTERN DASH
        ARROW 2 COORDINATES 71 46 78 45
        ARROW 2 PATTERN DOTTED
        .
        LEGEND 1 OUTLIER
        LEGEND 2 LAST POINT
        LEGEND 1 COORDINATES 47 86
        LEGEND 2 COORDINATES 69 45
        LEGEND 2 JUSTIFICATION RIGHT
        TITLE AUTOMATIC
        TITLE SIZE 5
        .
        PLOT Y X