LEGEND ... JUSTIFICATION

PURPOSE

Specifies the justification of the legends to appear on subsequent plots (i.e., left, right, center horizontally and top, center, bottom vertically).

DESCRIPTION

The legends are the text which the analyst can position anywhere (via the LEGEND ... COORDINATES command) on a plot. The legends appear on all subsequent plots until blanked out (via a LEGEND command with no arguments) or until overridden with new legends. 100 such legends can be specified. The legend justifications hold for all subsequent plots until defaulted (via the LEGEND ... JUSTIFICATION command with no arguments) or until overridden with new legend justifications.

SYNTAX

LEGEND <id> JUSTIFICATION <just>

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

and   <just> is the desired legend justification (see the NOTE below for a list of available choices).

EXAMPLES

LEGEND 1 JUSTIFICATION LEFT
LEGEND 2 JUSTIFICATION RIGHT

NOTE 1

A LEGEND ... JUSTIFICATION command with no justification reverts the justification to default. Thus LEGEND 1 JUSTIFICATION with no justification reverts the justification of legend 1 to default. A LEGEND ... JUSTIFICATION command with no <id> refers to all 100 legends. Thus LEGEND JUSTIFICATION LEFT assigns the justification LEFT to all 100 legends. LABEL JUSTIFICATION with no <id> and no justification reverts all 100 legends to the default justification.

NOTE 2

The following justifications can be specified:

LEFT	-	left horizontally, bottom vertically
CENTER	-	center horizontally, bottom vertically
RIGHT	-	right horizontally, bottom vertically
LECE	-	left horizontally, center vertically
CECE	-	center horizontally, center vertically
RICE	-	right horizontally, center vertically
LETO	-	left horizontally, top vertically
CETO	-	center horizontally, top vertically
RITO	-	right horizontally, top vertically

DEFAULT

All legend justifications are LEFT (i.e, left justified horizontally and bottom justified vertically).

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
LEGEND	=	Specify the legends for subsequent plots.
LEGEND ANGLE	=	Sets the plot legend angles.
LEGEND CASE	=	Sets the plot legend cases.
LEGEND COLOR	=	Sets the plot legend colors.
LEGEND COORDINATES	=	Sets the plot legend locations.
LEGEND DIRECTION	=	Sets the plot legend directions.
LEGEND FONT	=	Sets the plot legend fonts.
LEGEND HW	=	Sets the plot legend heights and widths.
LEGEND SIZES	=	Sets the plot legend sizes.
LEGEND THICKNESS	=	Sets the plot legend line thicknesses.
JUSTIFICATION	=	Sets the justification for text characters.

CHARACTER JUSTIFICATION	=	Sets the justification for plot characters.
TITLE JUSTIFICATION	=	Sets the justification for the plot title.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
89/2

PROGRAM
```
LET ID2 = DATA 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2
LET X = SEQUENCE 1 1 17
LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
.
CHARACTER X1 X2 Y1 Y2
LINE BLANK ALL
LEGEND 1 X - POTASSIUM
LEGEND 2 Y - LEAD
LEGEND 1 COORDINATES 50 85
LEGEND 2 COORDINATES 50 80
LEGEND 1 JUSTIFICATION RIGHT
LEGEND 2 JUSTIFICATION LEFT
.
TITLE DEMONSTRATE LEGEND JUSTIFICATION
TITLE SIZE 5
PLOT POT X ID2 AND
PLOT LEAD X ID2
```