

LEGEND ... SIZE**PURPOSE**

Specifies the size (height) of characters in legends to appear on subsequent plots.

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 sizes are specified in vertical DATAPLOT 0 to 100 units. The legend sizes hold for all subsequent plots until defaulted (via the ...LEGEND SIZE command with no arguments) or until overridden with new legend sizes.

SYNTAX

LEGEND <id> SIZE <size>

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

and <size> is a decimal number or parameter in the range 0 to 100 that specifies the desired legend size.

EXAMPLES

```
LEGEND 1 SIZE 3
LEGEND 2 SIZE 5
LEGEND 1 SIZE A
LEGEND 1 SIZE
LEGEND SIZE
```

NOTE

A LEGEND ... SIZE command with no arguments reverts the size to default. Thus LEGEND 1 SIZE with no arguments reverts the first legend to default size. A LEGEND ... SIZE command with no <id> refers to all 100 legends. Thus LEGEND SIZE 2 assigns the size 2 to all 100 legends. LEGEND SIZE with no <id> and no arguments reverts all 100 legends to default size.

DEFAULT

All legend sizes are 2.0.

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 JUSTIFICATION	=	Sets the plot legend justifications.
LEGEND THICKNESS	=	Sets the plot legend line thicknesses.
TITLE SIZE	=	Sets the size for plot title.
LABEL SIZE	=	Sets the size for plot labels.
TIC SIZE	=	Sets the size of plot tics.
TIC LABEL SIZE	=	Sets the size for plot tic labels.
CHARACTER SIZES	=	Sets the sizes for plot characters.
HEIGHT	=	Sets the height for TEXT characters.
WIDTH	=	Sets the width for TEXT characters.
HW	=	Sets the height and width for TEXT characters.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
. POLLUTION SOURCE ANALYSIS, LLOYD CURRIE, DATE--1990
. SUBSET OF CURRIE.DAT REFERENCE FILE
LET ID2 = DATA 1 1 1 1 1 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 SIZE 3.0
LEGEND 2 SIZE 1.2
TITLE DEMONSTRATE LEGEND SIZE COMMAND
PLOT POT X ID2 AND
PLOT LEAD X ID2
```

