TAGPLOT

PURPOSE

An internal variable into which the trace identifier variable is stored whenever some type of plot is generated.

DESCRIPTION

DATAPLOT uses the concept of traces. A trace is a connected set of points. That is, all points belonging to the same trace are drawn with the same attributes. A plot can set attributes for up to 100 traces. Although traces are most commonly used to draw multiple curves on a plot, there is a distinction between traces and curves. Specifically, a curve can be divided into more than one trace. The TAGPLOT variable identifies which trace a given point belongs to. This variable can be used in any way that a user created variable can. This variable is updated whenever any type of plot is generated.

SYNTAX

None

EXAMPLES

PLOT Y1 Y2 VS X SUBSET TAGPLOT > 1

NOTE

The horizontal and vertical coordinates of the points from the most recent plot are stored in the internal variables XPLOT and YPLOT.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

XPLOT	=	An internal variable that contains the horizontal coordinates from the most recent plot.
YPLOT	=	An internal variable that contains the vertical coordinates from the most recent plot.
X2PLOT	=	An internal variable that contains the coordinates from the second horizontal axis from the most recent 3d plot.

APPLICATIONS

Plotting groups

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
. Generate a table of group medians
SKIP 25
READ GEAR.DAT Y ID
MEDIAN PLOT Y ID
LET MED = YPLOT
LET GROUP = XPLOT
RETAIN MED GROUP SUBSET TAGPLOT =1
PRINT "GROUP MEDIAN"
SET WRITE FORMAT I5,2,F7.2
PRINT GROUP MED
```