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