

ModifyGizmo

ModifyGizmo [*flags*] *keyword* [=*value*]

The ModifyGizmo operation changes Gizmo properties.

Documentation for the ModifyGizmo operation is available in the Igor online help files only. In Igor, execute:

```
DisplayHelpTopic "ModifyGizmo"
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ModifyGraph (general)

ModifyGraph [/W=*winName/Z*] *key=value* [, *key=value*]...

The ModifyGraph operation modifies the target or named graph. This section of ModifyGraph relates to general graph window settings.

Parameters

expand= <i>e</i>	Specifies the onscreen expansion (or magnification) factor of a graph. <i>e</i> may be zero or 0.125 to 8 times expansion. Graph magnification affects only base graphs (not subwindowed graphs), and it affects only the onscreen display; it has no effect on graph exporting or printing. When magnification changes, the graph window will automatically resize except for negative values, which are used in recreation macros where the size is already correct.
frameInset= <i>i</i>	Specifies the number of pixels by which to inset the frame of the graph subwindow.
frameStyle= <i>f</i>	Specifies the frame style for a graph subwindow. <i>f</i> =0: None. <i>f</i> =1: Single. <i>f</i> =2: Double. <i>f</i> =3: Triple. <i>f</i> =4: Shadow. <i>f</i> =5: Indented. <i>f</i> =6: Raised. <i>f</i> =7: Text well. The last three styles are fake 3D and will look good only if the background color of the enclosing space and the graph itself is a light shade of gray.
gfMult= <i>f</i>	Multiplies font and marker size by <i>f</i> percent. Clipped to between 25% and 400%; it is applied after all other font and marker size calculations.
gFont= <i>fontStr</i>	Specifies the name of the default font for the graph, overriding the normal default font. The normal default font for a subgraph is obtained from its parent while a base graph uses the value set by the DefaultFont operation.
gfSize= <i>gfs</i>	Sets the default size for text in the graph. Normally, the default size for text is proportional to the graph size; gfSize will override that calculation as will the gfRelSize method. Use a value of -1 to make a subgraph get its default font size from its parent.
gfRelSize= <i>pct</i>	Specifies the percentage of the graph size to use in calculating a default size for text in the graph. This overrides the normal method for setting default font size as a function of graph size. When used, the default marker size is set to one third the font size. Use a value of 0 to revert to the default method.
gmSize= <i>gms</i>	Sets the default size for markers in the graph. Use a value of -1 to make a subgraph get its default marker size from its parent.
height= <i>heightSpec</i>	Sets the height for the graph area. See the Examples .

ModifyGraph (general)

swapXY=s	Sets the orientation of the X and Y axes. s=0: Normal orientation of X and Y axes. s=1: Swap X and Y values to plot Y coordinates versus the horizontal axes and X coordinates versus the vertical axes. The effect is similar to mirroring the graph about the lower-left to upper-right diagonal.
useComma=uc	Controls the decimal separator used in tick mark labels. uc=0: Use period as decimal separator and comma as thousands separator (default) when displaying numbers in graph labels and annotations. uc=1: Use comma as decimal separator and period as the thousands separator. This does not alter the presentation of numbers in $\{expression\}$ constructs in annotations.
UIControl=f	<p>Disables certain aspects of the user interface for graphs. The UIControl keyword, added in Igor Pro 7.00, is for use by advanced Igor programmers who want to disable user actions.</p> <p>This is a bitwise setting. Setting Bit Parameters on page IV-12 for details about bit settings.</p> <p><i>f</i> is defined as follows:</p> <ul style="list-style-type: none">Bit 0: Disable axis click. Prevents moving or otherwise modifying an axis.Bit 1: Disable cursor click. Prevents moving a graph cursor.Bit 2: Disable trace drag. Prohibits the click-and-hold action to offset a trace on the graph.Bit 3: Disable marquee. When set, you can't make a marquee on the graph, which in turn prevents changing the range of the graph using the marquee.Bit 4: Disable draw mode.Bit 5: Disable double click. Prohibits any double-click action. In general, double-clicks in a graph bring up dialogs to modify the graph's appearance.Bit 6: Disable clicks on annotations. Prevents modification of annotations.Bit 7: Disable tool tips.Bit 8: Disable contextual menus.Bit 9: Disable marquee menu. With this set, you can still have a marquee and use it for, i.e., selecting some portion of the graph, but you can't use the marquee menu to change the graph's range. Note that if bit 3 is set, this bit is moot.Bit 10: Disable mouse wheel events. This will prevent axis scaling using the mouse wheel.Bit 11: Disable option-drag. Prevents offsetting the graph by holding down the option (Macintosh) or Alt (Windows) key and then dragging in the plot area. <p>To disable items in the Graph menu use SetIgorMenuMode.</p>
useDotForX=u	In the display of axis labels, if <i>u</i> =1 then, in instances of exponential notation such as "5x10 ³ ", the normal "x" is replaced with a dot giving "5x10 ³ ". useDotForX was added in Igor Pro 9.00.
useLongMinus=m	Uses a normal (<i>m</i> =0; default) or long dash (<i>m</i> =1) for the minus sign.
width=widthSpec	Sets the width of the graph area. See the examples.