

## TitleBox

**TitleBox** [/Z] *ctrlName* [**keyword** = **value** [, **keyword** = **value** ...]]

The TitleBox operation creates the named title box in the target window.

For information about the state or status of the control, use the **ControlInfo** operation.

### Parameters

*ctrlName* is the name of the TitleBox control to be created or changed.

The following keyword=value parameters are supported:

anchor= <i>hv</i>	Specifies the anchor mode using a two letter code, <i>hv</i> . <i>h</i> may be L, M, or R for left, middle, and right. <i>v</i> may be T, C, or B for top, center and bottom. Default is LT.  If fixedSize=1, the anchor code sets the positioning of text within the frame.
align= <i>alignment</i>	Sets the alignment mode of the control. The alignment mode controls the interpretation of the <i>leftOrRight</i> parameter to the pos keyword. The align keyword was added in Igor Pro 8.00.  If <i>alignment</i> =0 (default), <i>leftOrRight</i> specifies the position of the left end of the control and the position of the control depends on the anchor keyword.  If <i>alignment</i> =1, <i>leftOrRight</i> specifies the position of the right end of the control and the right end position remains fixed if the control size is changed.  There is a conflict between the align keyword and the anchor keyword. See <b>TitleBox Positioning</b> on page V-1040.
appearance={ <i>kind</i> [, <i>platform</i> ]}	Sets the appearance of the control. <i>platform</i> is optional. Both parameters are names, not strings.  <i>kind</i> can be one of default, native, or os9.  <i>platform</i> can be one of Mac, Win, or All.  See <b>Button</b> and <b>DefaultGUIControls</b> for more appearance details.
disable= <i>d</i>	Sets user editability of the control.  <i>d</i> =0: Normal. <i>d</i> =1: Hide. <i>d</i> =2: Draw in gray state.
fColor=( <i>r,g,b[,a]</i> )	Sets color of the titlebox. <i>r</i> , <i>g</i> , <i>b</i> , and <i>a</i> specify the color and optional opacity as <b>RGBA Values</b> .
fixedSize= <i>f</i>	Controls title box sizing:  <i>f</i> =0: The titlebox automatically sizes itself to fit the title text (default). <i>f</i> =1: The size settings are honored, and the titlebox does not automatically size itself to fit the title text.
font=" <i>fontName</i> "	Sets the font used for the control, e.g., font="Helvetica".
frame= <i>f</i>	Sets frame style:  <i>f</i> =0: No frame. <i>f</i> =1: Default (same as <i>f</i> =3). <i>f</i> =2: Simple box. <i>f</i> =3: 3D sunken frame. <i>f</i> =4: 3D raised frame. <i>f</i> =5: Text well.
fontSize= <i>s</i>	Sets font size.

<code>fstyle=<i>fs</i></code>	<p><i>fs</i> is a bitwise parameter with each bit controlling one aspect of the font style as follows:</p> <ul style="list-style-type: none"> <li>Bit 0:      Bold</li> <li>Bit 1:      Italic</li> <li>Bit 2:      Underline</li> <li>Bit 4:      Strikethrough</li> </ul> <p>See <b>Setting Bit Parameters</b> on page IV-12 for details about bit settings.</p>
<code>help={<i>helpStr</i>}</code>	<p>Sets the help for the control.</p> <p><i>helpStr</i> is limited to 1970 bytes (255 in Igor Pro 8 and before).</p> <p>You can insert a line break by putting “\r” in a quoted string.</p>
<code>labelBack=(<i>r,g,b[,a]</i>)</code> or 0	<p>Sets background color for title box. <i>r</i>, <i>g</i>, <i>b</i>, and <i>a</i> specify the color and optional opacity as <b>RGBA Values</b>. If not set (or <code>labelBack=0</code>), then background is transparent (not erased).</p>
<code>pos={<i>leftOrRight,top</i>}</code>	<p>Sets the position in <b>Control Panel Units</b> of the top/left or top/right corner of the control at the time it is created. Unless <code>fixedSize=1</code>, a TitleBox control adjusts its size to fit the title text and the position can move in a way that depends on the anchor and align modes. See <b>TitleBox Positioning</b> on page V-1040.</p>
<code>pos+={<i>dx,dy</i>}</code>	<p>Offsets the position of the control in <b>Control Panel Units</b>.</p>
<code>size={<i>w,h</i>}</code>	<p>Sets the width and height of the control in pixels.</p> <p>If <code>fixedSize=1</code>, sets the width of the control in pixels. If <code>fixedSize=0</code>, a TitleBox control adjusts its size to the title text, resulting in confusion about what the size does. In this case, <code>size={0,0}</code> is recommended. See <b>TitleBox Positioning</b> on page V-1040.</p>
<code>title=<i>titleStr</i></code>	<p>Sets the text of the title box to <i>titleStr</i>. <i>titleStr</i> is limited to 255 bytes.</p> <p>Using escape codes you can change the font, size, style, and color of the title. See <b>Annotation Escape Codes</b> on page III-53 or details.</p>
<code>variable=<i>svar</i></code>	<p>Specifies an optional global string variable from which to get the TitleBox text.</p>
<code>win=<i>winName</i></code>	<p>Specifies which window or subwindow contains the named control. If not given, then the top-most graph or panel window or subwindow is assumed.</p> <p>When identifying a subwindow with <i>winName</i>, see <b>Subwindow Syntax</b> on page III-92 for details on forming the window hierarchy.</p>

## Flags

/Z                      No error reporting.

## Details

The text can come from either the `title=titleStr` or `variable=svar` method. Whichever is used last is the current method. The maximum length of text with the `title=titleStr` method is 255 bytes while the `variable=svar` method has no limit.

Using escape codes you can change the font, size, style and color of text, and apply other effects. See **Annotation Escape Codes** on page III-53 for details.

By default, the titlebox automatically resizes itself relative to the anchor point on the rectangle that encloses the text. Therefore you can specify a size of 0,0 along with a `pos` value in order to place the anchor point at the desired position. When `fixedSize=1` is used, the titlebox does not resize itself and instead honors the values specified via the `size` keyword.

TitleBoxes can be used not only for titles but also as status or results readout areas, especially in conjunction with the `variable=svar` mode. When using a titlebox like this, you may find it useful to use `fixedSize=1` so that the titlebox doesn't change size as the text changes.