

Description

A textbox contains one or more lines of text. *textboxstyle* specifies the overall style of the textbox. *textboxstyle* is specified in the `style()` option nested within another option, such as `title()`:

```
. graph ..., title("My title", style(textboxstyle)) ...
```

See [G-3] *textbox_options* for more information on textboxes.

Sometimes you will see that a *textboxstylelist* is allowed. A *textboxstylelist* is a sequence of *textboxstyles* separated by spaces. Shorthands are allowed to make specifying the list easier; see [G-4] *stylelists*.

Syntax

<i>textboxstyle</i>	Description
heading	large text suitable for headings
subheading	medium text suitable for subheadings
body	medium text
smbody	small text

Other *textboxstyles* may be available; type

```
. graph query textboxstyle
```

to obtain the complete list of *textboxstyles* installed on your computer.

Remarks and examples

Remarks are presented under the following headings:

- What is a textbox?*
- What is a textboxstyle?*
- You do not need to specify a textboxstyle*

What is a textbox?

A textbox is one or more lines of text that may or may not have a border around it.

What is a *textboxstyle*?

Textboxes are defined by 11 attributes:

1. Whether the textbox is vertical or horizontal; see [G-4] *orientationstyle*
2. The size of the text; see [G-4] *textsizestyle*
3. The color of the text; see [G-4] *colorstyle*
4. Whether the text is left-justified, centered, or right-justified; see [G-4] *justificationstyle*
5. How the text aligns with the baseline; see [G-4] *alignmentstyle*
6. The margin from the text to the border; see [G-4] *marginstyle*
7. The gap between lines; see [G-4] *size*
8. Whether a border is drawn around the box, and if so
 - a. The color of the background; see [G-4] *colorstyle*
 - b. The overall style of the line used to draw the border, which includes its color, width, and whether solid or dashed, etc.; see [G-4] *linestyle*
9. The margin from the border outward; see [G-4] *marginstyle*
10. Whether the box is to expand to fill the box in which it is placed
11. Whether the box is to be shifted when placed on the graph; see [G-4] *compassdirstyle*

You do not need to specify a *textboxstyle*

The *textboxstyle* is specified in option

`tstyle(textboxstyle)`

Correspondingly, you will find other options are available for setting each attribute above; see [G-3] *textbox_options*.

You specify the *textboxstyle* when a style exists that is exactly what you desire or when another style would allow you to specify fewer changes to obtain what you want.

Also see

[G-3] *textbox_options* — Options for textboxes and concept definition

[G-4] *text* — Text in graphs

[G-4] *textstyle* — Choices for the overall look of text

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