Description

See [G-3] *textbox_options* for a description of textboxes. *alignmentstyle* specifies how the text is vertically aligned in a textbox. Think of the textbox as being horizontal, even if it is vertical when specifying this option.

alignmentstyle is specified inside options such as the `alignment()` suboption of `title()` (see [G-3] *title_options*):

        . graph ..., title("My title", alignment(*alignmentstyle*)) ...

Sometimes an *alignmentstylelist* is allowed. An *alignmentstylelist* is a sequence of *alignmentstyles* separated by spaces. Shorthands are allowed to make specifying the list easier; see [G-4] *stylelists*.

Syntax

alignmentstyle	Description
baseline	bottom of textbox = baseline of letters
bottom	bottom of textbox = bottom of letters
middle	middle of textbox = middle of letters
top	top of textbox = top of letters

Other *alignmentstyles* may be available; type

        . graph query alignmentstyle

to obtain the full list installed on your computer.

Remarks and examples

Think of the text as being horizontal, even if it is not, and think of the textbox as containing one line, such as

    Hpqgxyz

`alignment()` specifies how the bottom of the textbox aligns with the bottom of the text.

`alignment(baseline)` specifies that the bottom of the textbox be the baseline of the letters in the box. That would result in something like
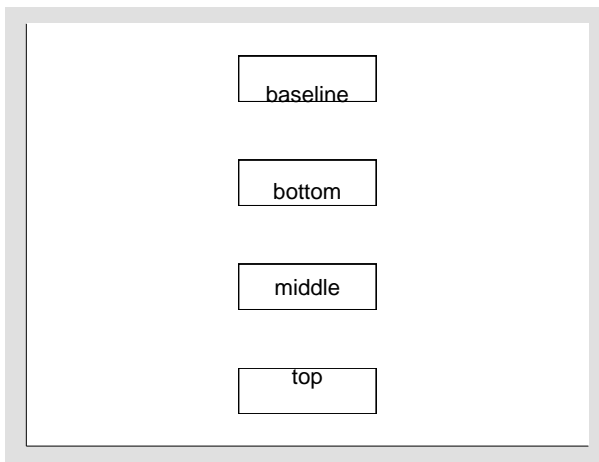
    ....Hpqgxyz....

where dots represent the bottom of the textbox. Periods in most fonts are located on the baseline of letters. Note how the letters p, q, g, and y extend below the baseline.

`alignment(bottom)` specifies that the bottom of the textbox be the bottom of the letters, which would be below the dots in the above example, lining up with the lowest part of the p, q, g, and y.

`alignment(middle)` specifies that the middle of the textbox line up with the middle of a capital H. This is useful when you want to align text with a line.

alignment(top) specifies that the top of the textbox line up with the top of a capital H.

The graph below displays the different alignment choices:

Also see

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

[G-4] *justificationstyle* — Choices for how text is justified