

Description

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Description

These *pdf_options* are used with `graph export` when creating a Portable Document Format (PDF) file; see [G-2] **graph export**.

Syntax

<i>pdf_options</i>	Description
<code>width(#)</code>	width of graph in inches
<code>height(#)</code>	height of graph in inches
<code>mag(#)</code>	magnification/shrinkage factor; default is <code>mag(100)</code>
<code>bgfill(on off)</code>	whether to use background fill; default is <code>on</code>
<code>cmyk(on off)</code>	whether to use CMYK rather than RGB colors
<code>fontface(fontname)</code>	default font to use
<code>fontfacesans(fontname)</code>	font to use for text in <code>{stSans}</code> “font”
<code>fontfaceserif(fontname)</code>	font to use for text in <code>{stSerif}</code> “font”
<code>fontfacemono(fontname)</code>	font to use for text in <code>{stMono}</code> “font”
<code>fontfacesymbol(fontname)</code>	font to use for text in <code>{stSymbol}</code> “font”
<code>fontdir(directory)</code>	directory in which TrueType and OpenType fonts are stored

where *fontname* may be a valid font name or `default` to restore the default setting and *directory* may be a valid directory or `default` to restore the default setting.

Current default values may be listed by typing

```
. graph set pdf
```

and default values may be set by typing

```
. graph set pdf name value
```

where *name* is the name of a *pdf_option*, omitting the parentheses.

Options

`width(#)` specifies the width of the graph in inches. If the width is specified but not the height, Stata determines the appropriate height from the graph’s aspect ratio.

`height(#)` specifies the height of the graph in inches. If the height is specified but not the width, Stata determines the appropriate width from the graph’s aspect ratio.

`mag(#)` specifies that the graph be drawn smaller or larger than the default. `mag(100)` is the default, meaning ordinary size. `mag(110)` would make the graph 10% larger than usual, and `mag(90)` would make the graph 10% smaller than usual. `#` must be an integer.

`bgfill(on)` and `bgfill(off)` specify whether to use the background fill. When `bgfill(off)` is specified, no background fill is written to the PDF file, so the PDF background is transparent. The default is `bgfill(on)`.

`cmk(on)` and `cmk(off)` specify whether colors in the output file should be specified as CMYK values rather than RGB values. See [Export custom colors](#) in [G-4] *colorstyle* for further details.

`Stata(GUI)` for macOS users: this option is only available when the graph display is suppressed with `set graphics off`.

`fontface(fontname)` specifies the name of the font to be used to render text for which no other font has been specified. The default font varies but is typically the font used on the Graph window for `Stata(GUI)` and Helvetica for `Stata(console)`. If *fontname* contains spaces, it must be enclosed in double quotes.

`Stata(GUI)` for macOS users: this option is only available when the graph display is suppressed with `set graphics off`; otherwise, the rendered text in the PDF file will simply match what you see in the Graph window.

`fontfacesans(fontname)` specifies the name of the font to be used to render text for which the `{stSans}` “font” has been specified. The default is Helvetica, which may be restored by specifying *fontname* as default. If *fontname* contains spaces, it must be enclosed in double quotes.

`Stata(GUI)` for macOS users: this option is only available when the graph display is suppressed with `set graphics off`; otherwise, the rendered text in the PDF file will simply match what you see in the Graph window.

`fontfaceserif(fontname)` specifies the name of the font to be used to render text for which the `{stSerif}` “font” has been specified. The default is Times, which may be restored by specifying *fontname* as default. If *fontname* contains spaces, it must be enclosed in double quotes.

`Stata(GUI)` for macOS users: this option is only available when the graph display is suppressed with `set graphics off`; otherwise, the rendered text in the PDF file will simply match what you see in the Graph window.

`fontfacemono(fontname)` specifies the name of the font to be used to render text for which the `{stMono}` “font” has been specified. The default is Courier, which may be restored by specifying *fontname* as default. If *fontname* contains spaces, it must be enclosed in double quotes.

`Stata(GUI)` for macOS users: this option is only available when the graph display is suppressed with `set graphics off`; otherwise, the rendered text in the PDF file will simply match what you see in the Graph window.

`fontfacesymbol(fontname)` specifies the name of the font to be used to render text for which the `{stSymbol}` “font” has been specified. The default is Symbol, which may be restored by specifying *fontname* as default. If *fontname* contains spaces, it must be enclosed in double quotes.

`Stata(GUI)` for macOS users: this option is only available when the graph display is suppressed with `set graphics off`; otherwise, the rendered text in the PDF file will simply match what you see in the Graph window.

`fontdir(directory)` specifies the directory that `Stata(console)` for Unix uses to find TrueType and OpenType fonts (if you specified any) when you export a graph to a PDF file. You may specify *directory* as default to restore the default setting. If *directory* contains spaces, it must be enclosed in double quotes.

Remarks and examples

Remarks are presented under the following headings:

Using the pdf_options
Setting defaults

Using the pdf_options

You have drawn a graph and wish to create a PDF file for including the file in a document. You wish, however, to change text for which no other font has been specified from the default to Calibri:

```
. graph ...                               (draw a graph)
. graph export myfile.pdf, fontface(Calibri)
```

Note that availability of certain *pdf_options* may vary based on your specific operating system and configuration. To view a list of supported PDF export options, you can type

```
. graph set pdf
```

Setting defaults

If you always wanted **graph export** to use Calibri when exporting to PDF files, you could type

```
. graph set pdf fontface Calibri
```

Later, you could type

```
. graph set pdf fontface default
```

to change it back. You can list the current *pdf_options* settings for PDF by typing

```
. graph set pdf
```

Also see

[G-2] **graph export** — Export current graph

[G-2] **graph set** — Set graphics options

[G-3] *eps_options* — Options for exporting to Encapsulated PostScript

[G-3] *ps_options* — Options for exporting or printing to PostScript

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