

The shadowtext package

Version 0.3

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1 Usage

The shadowtext package introduces a new command, namely the `\shadowtext` command. This is a box that adds a shadow behind text. Its usage is simple. The following code and its output illustrates the usage.

```
\shadowtext{This is a shadowtext}      This is a shadowtext
```

2 Changing the position of the shadow

The position of the shadow consists of two components: a horizontal offset and a vertical offset. The package offers two ways of changing the position of the shadow. The first and easiest way of changing the position is by using the `\setshadowoffset` command. This command sets the horizontal and vertical offset simultaneously. For example:

```
\shadowoffset{2pt}                      This is a shadowtext  
\shadowtext{This is a shadowtext}
```

Alternatively, one may use the commands `shadowoffsetx` and `shadowoffsety` to independently change the horizontal and vertical offset. For example:

```
\shadowoffsetx{1pt}                     This is a shadow text  
\shadowoffsety{4pt}                     This is a shadow text  
\shadowtext{This is a shadow text}
```

3 Changing the color of the shadow

The color of the shadow may be changed by using the `shadowcolor` and `shadowrgb` commands.¹ The `shadowcolor` command takes as an argument the name of a color, whereas `shadowrgb` takes a comma-separated list of red, green, blue values. For example, the following code adds a blueish shadow using `\shadowcolor`:

```
\shadowoffset{2pt}          This is a shadow text
\shadowcolor{blue!40!white}
\shadowtext{This is a shadow text}
```

The following code produces a red shadow using `\shadowrgb`:

```
\shadowoffset{2pt}          This is a shadow text
\shadowrgb{1.0, 0.5, 0.5}
\shadowtext{This is a shadow text}
```

4 More examples

The following code illustrates how to use `shadowtext` in more interesting settings:

```
\definecolor{navy}{rgb}{0,0,0.5}
\shadowrgb{0.8, 0.8, 1}
\shadowoffset{1pt}
\shadowtext{
  \color{navy}
  \fontsize{16}{16}\selectfont
  Large!}
```

Large!

```
\shadowoffset{1pt}
\color{black}
\shadowtext{%
  \begin{tabular}{|l|l|}
  \hline
  1 & 2 \\
  3 & 4 \\
  \hline
  \end{tabular}
}
```

1	2
3	4

```
\shadowoffset{1pt}
\shadowtext{${\sqrt{2\pi}}e^{-n}$}
```

$\sqrt{2\pi}e^{-n}$

¹Internally, the package uses the `\color` command from the `color` package to set its color

```
\shadowoffset{2pt}
\shadowtext{
  \color{navy}%
  \fontencoding{T1}%
  \fontfamily{pag}%
  \fontseries{b}%
  \fontsize{32}{32}%
  \selectfont%
  Section \color{red}\arabic{section}%
}
```

Section 4