The shadowtext package

Version 0.3

Y. Zwols (yz2198@columbia.edu)

May 18, 2012

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} \hspace{1cm} 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}
\shadowtext{This is a shadowtext} \hspace{1cm} 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} \hspace{1cm} This is a shadow text
\shadowoffsety{4pt} \hspace{1cm} 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 \texttt{shadowcolor} and \texttt{shadowrgb} commands. The \texttt{shadowcolor} command takes as an argument the name of a color, whereas \texttt{shadowrgb} takes a comma-separated list of red, green, blue values. For example, the following code adds a blueish shadow using \texttt{shadowcolor}:

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

This is a shadow text

The following code produces a red shadow using \texttt{shadowrgb}:

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

This is a shadow text

4 More examples

The following code illustrates how to use \texttt{shadowtext} in more interesting settings:

\begin{verbatim}
\definecolor{navy}{rgb}{0,0,0.5}
\shadowrgb{0.8, 0.8, 1}
\shadowoffset{1pt}
\shadowtext{
  \color{navy}
  \fontsize{16}{16}\selectfont Large!}
\shadowoffset{1pt}
\color{black}
\shadowtext{\begin{tabular}{|l|l|}
\hline
1 & 2 \\
3 & 4 \\
\hline
\end{tabular}}
\shadowoffset{1pt}
\shadowtext{$\sqrt{2\pi}e^{-n}$}
\end{verbatim}

Large!

\begin{tabular}{|l|l|}
\hline
1 & 2 \\
3 & 4 \\
\hline
\end{tabular}

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

\footnote{Internally, the package uses the \texttt{color} command from the color package to set its color}