Some Examples for the `logpap` package.\footnote{The source of this example file is part of `logpap.dtx`}

The `logpap` package provides four macros for drawing logarithmic-logarithmic, logarithmic-linear, linear-logarithmic and (because it was easy to implement) linear-linear graph paper with \LaTeX{}.

Although the `logpap` package only draws logarithmic graph paper, there are various things that can be changed. Figure 1 will give an overview. Here the first graph paper part where made with the default settings and the command `\put(0,91){\loglinpap(80mm,10mm)(1,1){1}{0}[X-name][Y-name]}`. On the right side you can find the commands used to change the appearance.

Not all commands possible are shown here. Every option can be used with `\LPSet{option1, option2,...}` within the document, every `option` has a counterpart `nooption` and for `option` also an `option` exists. Also commands to set the three line widths, colors and the appearance of the $\mu$ are not shown.

\begin{figure}[h]
\centering
\begin{tabular}{ll}
\text{Y-name} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1}
\end{tabular}

\begin{tabular}{ll}
\text{X-name} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1 with default settings}
\end{tabular}

\begin{tabular}{ll}
\text{optional} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\LPSet{nodimensions, noticksupright, tenlower}}}$
\end{tabular}

\begin{tabular}{ll}
\text{optional} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\LPSet{notext, nofsnx}}}$
\end{tabular}

\begin{tabular}{ll}
\text{optional} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\DefineLPMinLineDist{1.9999mm}}}$
\end{tabular}

\begin{tabular}{ll}
\text{optional} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\DefineLPText{new text\quad}}}$
\end{tabular}

\begin{tabular}{ll}
\text{optional} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\DefineLPLabelFont{\sffamily\tiny}}}$
\end{tabular}

\begin{tabular}{ll}
\text{optional} & made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\LPSet{notwoninex}}}$
\end{tabular}

\begin{tabular}{ll}
& made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\DefineLPTickLen{1mm}}}$
\end{tabular}

\begin{tabular}{ll}
& made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\DefineLPMedTickLen{0.5mm}}}$
\end{tabular}

\begin{tabular}{ll}
& made with \LaTeX{} and \texttt{logpap} \\
& \text{log-lin: 1 dec $\times$ 1} \\
& $\text{\texttt{\DefineLPLabelDist{0.5mm}}}$
\end{tabular}

\caption{Overview}
\end{figure}