The sidecap package

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Abstract

This package defines the new environments SCfigure and SCtable, analogous to figure and table, which make it easy to typeset captions sideways.

Additionally, a wide environment is defined; it allows to use the margin area, e.g., for figures wider than \textwidth.

1 Introduction

In some cases it may be useful to typeset the caption aside the figure or the table. For this purpose the package sidecap defines the new environments SCfigure and SCtable. The figure or the table and the caption are put into two minipages that are positioned side by side and centered as a whole. The space between the minipages is \sidecaptionsep. The correct positioning with respect to left and right pages requires at least two compilation runs.

2 Usage

\usepackage[⟨option⟩]{sidecap}
\begin{SCtable}⟨\relwidth⟩⟨\float⟩\ldots \end{SCtable}
\begin{SCfigure}⟨\relwidth⟩⟨\float⟩\ldots \end{SCfigure}
\begin{SCtable*}⟨\relwidth⟩⟨\float⟩\ldots \end{SCtable*}
\begin{SCfigure*}⟨\relwidth⟩⟨\float⟩\ldots \end{SCfigure*}

⟨option⟩ – \texttt{outercaption} (default): Caption appears left on left pages and right on right pages.

\texttt{innercaption}: Caption appears right on left pages and left on right pages.

\texttt{leftcaption, rightcaption}: Caption is always on the left or right, respectively.

\texttt{wide}: The floating objects may extend into the margin area.

\texttt{raggedright, raggedleft, ragged}: Better justification for small captions. The \texttt{ragged2e} package is used if available.

⟨\relwidth⟩ – optional; caption width relative to the width of the figure or table. A large value (e.g., 50) reserves the maximum width that is possible. Default is \texttt{sidecaptionrelwidth} (which is initialized to 1.0).

⟨\float⟩ – optional; like the floating position parameter of the original table/figure environments. Default is \texttt{tbp}.
The \texttt{wide} environment may be used inside \texttt{figure} and \texttt{table} environments as well as in the normal text.

\section{Required packages}

This package requires the standard \LaTeX{} package \texttt{ifthen}.

\section{Supported packages}

This package is compatible with \LaTeX{} package \texttt{hyperref} (tested with version 6.71v as of 2001/11/12). If the \texttt{raggedright} or \texttt{raggedleft} or \texttt{ragged} package option has been given, then captions will be set with ragged margin. The \texttt{ragged2e} package will be used if it can be found.