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*⟩`]` ... `\end{SCtable}`
`\begin{SCfigure}` `[`⟨*relwidth*⟩`][`⟨*float*⟩`]` ... `\end{SCfigure}`
`\begin{SCtable*}` `[`⟨*relwidth*⟩`][`⟨*float*⟩`]` ... `\end{SCtable*}`
`\begin{SCfigure*}`` [`⟨*relwidth*⟩`][`⟨*float*⟩`]` ... `\end{SCfigure*}`

⟨*option*⟩ – `outercaption` (default): Caption appears left on left pages and right on right pages.

`innercaption`: Caption appears right on left pages and left on right pages.

`leftcaption`, `rightcaption`: Caption is always on the left or right, respectively.

`wide`: The floating objects may extend into the margin area.

`raggedright`, `raggedleft`, `ragged`: Better justification for small captions. The 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 `\sidecaptionrelwidth` (which is initialized to 1.0).

⟨*float*⟩ – optional; like the floating position parameter of the original table/figure environments. Default is `tbp`.

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`\begin{wide} ... \end{wide}`
The `wide` environment may be used inside `figure` and `table` environments as well as in the normal text.

3   Required packages

This package requires the standard LATEX package ifthen.

4   Supported packages

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