Chapter 1

Usage of the sidenotes package

The package provides a number of macros to typeset rich content in the margin. Please read the output of this LaTeX file and look at the input file while doing so. We start with the \sidenote macro.

1.1 \sidenote[number]{text}

It is very similar to \footnote and tries to emulate its behavior.[1] It has the same parameters as footnote. The sidenote moves up or down (floats) to not overlap with other floats in the margin.[2] All the sidenotes are subsequently numbered. The first, optional parameter will manually change the numbering of the sidenote.[666]

[1] But like the name says, the note is put in the margin, hence the name sidenote.

[2] Note how this paragraph is slightly moved down.

[666] This note is evil.

1.2 \sidenotemark[number]

Sidenote tries to mimic the footnote behavior and provides the same solutions. Sometimes it is not possible to directly call a sidenote macro, e.g. in particular environments. Then, you can also use \sidenotemark macro.[3] If a number is given, that number is used.[99] This puts a mark at the current position.

1.3 \sidenotetext[number]{text}

Afterwards, outside of the environment that causes the trouble, it is possible the call \sidenotetext{text} to actually make the sidenote. The optional parameter will again manually change the numbering of the sidenote.

[3] Please note, how the numbering still counts from the last usual call

[93] Then, you have to make sure the number match!

1.4 \sidestyle

You can use \renewcommand{\sidestyle}{something}, if you want to change the font, text size, text color or something else of the sidenotes.[4] The default value is \footnotesize, \sidestyle is the prefix for all sidenotes.[5] Please note that the values do not add up, \sidestyle is overwritten by every use of \renewcommand{\sidestyle}{...}.[6]

[4] Here, we changed sidestyle to raggedright.

[5] *Here, we changed to* \em

[6] Back to default behavior.

1.5 \sidecite[prefix][postfix]{citekey}

The macro \sidecite puts a citation in the margin. It uses the biblatex package, so you have to go with biblatex instead of bibtex to use it. Therefore, the

[7] see: Stig Lundqvist, ed. *Nobel Lectures, Physics 1971-1980*. World Scientific Publishing Co., Singapore, 1992, Nobel prize 1972

macro has the same set of parameters. We add a citation of the BCS-theory here as an example.[7] The behavior is the same as in `\sidenote` and auto floating. For post- and prenote please refer to the biblatex manual, the parameters are directly passed to biblatex.

1.6 \sidecaption{captiontext}

The `\sidecaption` macro can be used if the caption of a figure or table is supposed to be in the margin. Please note, that the formatting is done by the caption package. Simply use `\sidecaption` instead of `\caption` in the figure

Figure 1.1: I am a caption, but in the margin.

environment.

1.7 sidefigure

The sidefigure environment puts a figure and its caption in the margin. Instead of `\begin{figure}` use `\begin{sidefigure}`. Please note, that the use of caption before `\includegraphics` puts the caption in line with the top of the figure and the use after `\includegraphics` puts it in line with the bottom of the actual figure. The formatting is done by the caption package.

Figure 1.2: This is a figure with its caption in the margin.

1.8 sidetable

The sidetable environment works similarly to sidefigure, but with table environments. Use `\begin{sidetable}` instead of `\begin{table}`. The formatting is also done with help of the caption package.

Hg	Sn	Pb	Cd	Tl
0.50	0.47	0.48	0.5	0.5

Table 1.1: This is a table in the margin

1.9 Technical notes and further macros

Sometimes it is useful to put text in the margin without a mark in the text. This can be achieved with `\marginpar{text}`.

The `\sidecaption` macro relies on the marginnote package by Markus Kohm and is used by the sidenotes package automatically.

When writing the package, we tried to be as general as possible. Someone can e.g. use sidenotes mixed with footnotes.* Also, the package tries to provide only functionality and does not know anything about formatting such as margin text size, color or anything else. Only `\sidestyle` was added for convenience.

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*Here, we have a footnote as well. The marker was changed to symbols to avoid confusion with the same numbers as sidenotes.