Abstract

Here we demonstrate the features of sidenotesplus, a \LaTeX\ package to manage the margin notes, figures, tables and captions. Also body text can be extended into the margin for wide figures, tables and equation. Twoside symmetry is preserved. For biblatex users, routines for side references are provided.

Please first read sidenotesplus.pdf for the descriptions and usage of this package. This document served as a test platform while developing the package, and uses the standard article \LaTeX\ class. The above right margin note list the first view lines\(^a\) of the document preamble.

Here we have three \^b,c,d\, and the commas are inserted automatically between the text markers. But, if a line break is between the two \texttt{\sidenote} commands, then that requires a \texttt{%} sign before the line break.

In many environments the floating option fails thus the fixed option is used. Example, a side note used in an equation:

\[
a = b \quad \text{see}^e
data\]

\(^a\) an was coded $a=b\quad\text{see}^E\text{\sidenote<0pt>{test}}$. in (1) Important here is the option <0pt> with any valid length.

Side notes can be placed without references by using the \texttt{\sidenote*} option

Similar to \texttt{\footnotemark} and \texttt{\footnotetext} the package provides macros \texttt{\sidenotemark}, \texttt{\sidenotetext} and \texttt{\sidenotetextbefore} with the same option set. In usage \texttt{\sidenotemark} is followed by \texttt{\sidenotetext}, whereas \texttt{\sidenotetextbefore} is followed by \texttt{\sidenotemark}.

The side not is placed relative to the \texttt{\sidenotetext} commands.

Bringhurs\(^f\)'s expertise is in typography, and the famous expression $E = mc^2$ was first presented with these papers\(^g\).

The above paragraph was coded:

\texttt{\sidecite{bringhurst:2002} expertise is in typography, and the famous expression $E=mc^2$ was first presented with these papers\sidecite{Einstein_mc2, Einstein_str}.}

The command \texttt{\sidealert} provides a temporary margin notes rendered in red or by the user's defined \texttt{\colour}. The alert mark\(^h\) has zero width so it does not alter the main text layout and is also rendered in colour The package option \texttt{alerton} needs to be specified in the document preamble, if omitted the alerts are not printed.


Table 1: A: Some description

<table>
<thead>
<tr>
<th>Item</th>
<th>Long Table Heading</th>
</tr>
</thead>
<tbody>
<tr>
<td>one</td>
<td>The width of this column depends on the width of the table.</td>
</tr>
</tbody>
</table>

Figure 1: A: Short caption

Figure 2: A: Long caption Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis.

Figure 3: A: small rectangle in the margin.

Figure 4: A: Second margin figure with a very long label to take many lines.

The gaps between the above floats can be increase by setting the length of \marginparpush, e.g 15pt. The effect is visible on next page.

Figure 5: A: Side caption with raggedinner command in figure environment with a lengthy text Sed ac odio. Sed vehicula hendrerit sem.

Figure 6: Full width Etiam euismod. Fusce facilisis lacinia dui. Suspendisse potenti. In mi erat, cursus id, nonummy sed, ullamcorper eget, sapien. Praesent pretium, magna in eleifend egestas, pede pede pretium lorem, quis consectetur tortor sapien facilisis magna.


Figure 7: B: Short caption

Figure 8: B: *Long caption* Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis.

Table 2: B: Some description

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>one</td>
<td>The width of this column depends on the width of the table.</td>
</tr>
</tbody>
</table>

Figure 9: B: small rectangle in the margin.

Figure 10: B: Second margin figure with a very long label to take many lines.

Note the larger gaps between the above floats as `\marginskip` was set to 15pt.

Figure 11: B: Side caption with raggedinner command in figure environment Sed ac odio. Sed vehicula hendrerit sem.

Figure 12: *Full width* Etiam euismod. Fusce facilisis lacinia dui. Suspendisse potenti. In mi erat, cursus id, nonummy sed, ullamcorper eget, sapien. Present pretium, magna in eleifend egestas, pede pede pretium lorem, quis consectetur tortor sapien facilisis magna.

Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.\


\footnote{Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero.}
And a final check

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10 B: Second margin ........................................ 3
11 B: Side caption ........................................... 3
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List of Tables

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