sidenotesplus Example Pages

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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.

```
a \documentclass[twoside,10pt]{article}
  \PassOptionsToPackage{
    a4paper,
    bindingoffset=3mm,
    left=20mm,
    textwidth=110mm,
    marginparsep=10mm,
    marginparwidth=55mm,
    top=20mm, bottom=20mm,
    headsep=1\baselineskip,
    footskip = 2\baselineskip,
    includeall}{geometry}
  \usepackage {geometry}
  \usepackage[alerton]{sidenotesplus}
```

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 `\sidenote` commands, then that requires a % sign before the line break.

b `\sidenote<-15pt>` *Test up*

c `\sidenote!Blue!` *Test colour*

d `\sidenote|-12mm|` *but cannot float past [d] above*

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

$$a = b \quad \text{see}^{\text{e}} \tag{1}$$

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

e *test*

A sidenotetext without a mark. Also testing if the command sidepar *works.*

And here we have a new paragraph. And here we have a new paragraph. And here we have a new paragraph

Side notes can be placed without references by using the `\sidenote*` option

Similar to `\footnotemark` and `\footnotetext` the package provides macros `\sidenotemark`, `\sidenotetext` and `\sidenotetextbefore` with the same option set. In usage `\sidenotemark` is followed by `\sidenotetext`, whereas `\sidenotetextbefore` is followed by `\sidenotemark`. The side not is placed relative to the `\sidenotetext` commands.

Bringhurst's[f] expertise is in typography, and the famous expression $E = mc^2$ was first presented in this paper[g].

f Bringhurst, R. *The Elements of Typographic Style* (Hartley & Marks Publishers, Point Roberts, WA, USA, 2013),

g Einstein, A. Ist die Trägheit eines Körpers von seinem Energieinhalt abhängig? *Annalen der Physik* **323,** 639–641 (1905),

The above paragraph was coded:

```
\sidecitet*{bringhurst:2002} expertise is in typography,
and the famous expression $E=mc^2$ was first presented
in this paper\sidecite{Einstein_1905e}.
```
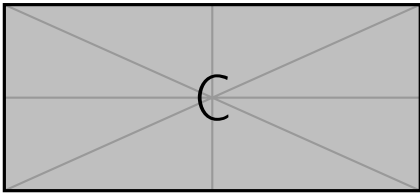
The command `\sidealert` provides a temporary margin notes rendered in red or by the user's defined `!colour!`. The alert mark[1] has zero width so it does not alter the main text layout and is also rendered in colour The package option `alerton` needs to be specified in the document preamble, if omitted the alerts are not printed.

- 1 - This paragraph needs to be expanded
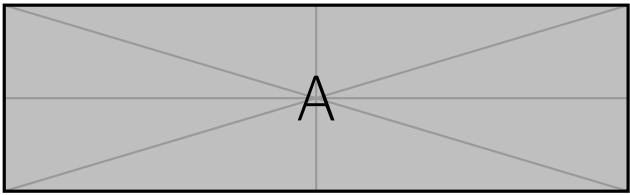
Figure demonstration page A

Figure 1: A: Short caption

Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia.
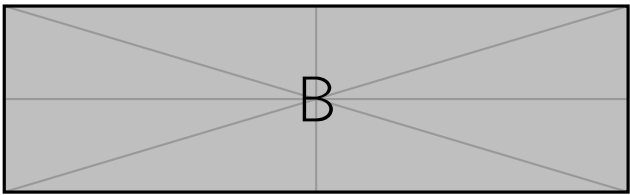

Figure 2: A: *Long caption* Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis.


Figure 3: A: small rectangle in the margin.

Long Table Heading	
Item	Description
one	The width of this column depends on the width of the table.

Table 1: A: Some description
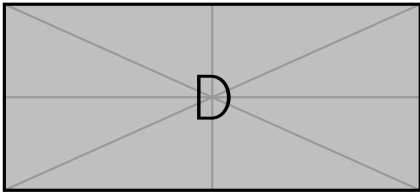
Figure 4: A: Second margin figure with a very long label to take many lines.

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 ennvironment with a lengthy text Sed ac odio. Sed vehicula hendrerit sem.
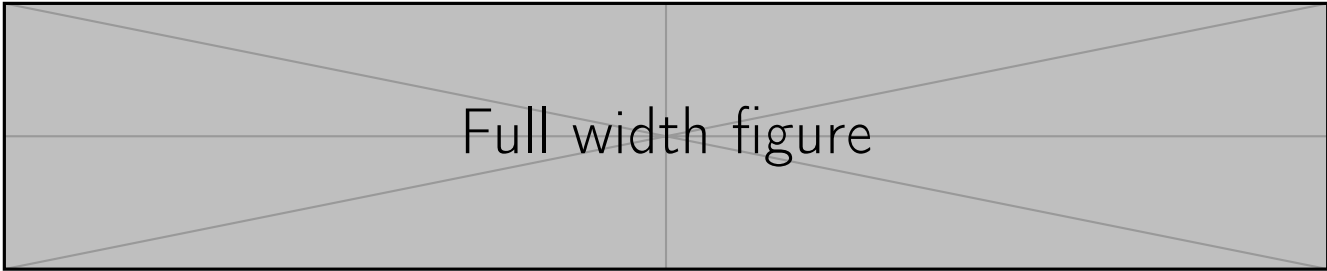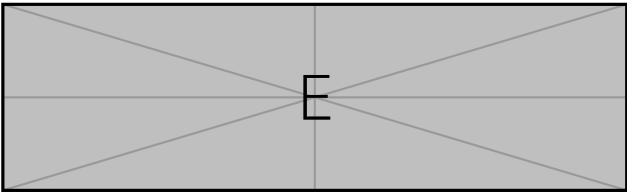
Figure 6: *Full width* Etiam euismod. Fusce facilisis lacinia dui. Suspendisse potenti. In mi erat, cursus id, nonummy sed, ullamcorper eget, sapien. Praesent pretium, magna in eleifend egestas, pede pede pretium lorem, quis consectetuer tortor sapien facilisis magna.

Nulla malesuada porttitor diam. Donec felis a erat, congue non, volutpat at, tincidunt tristique, libero.

Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.[a]

Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst.
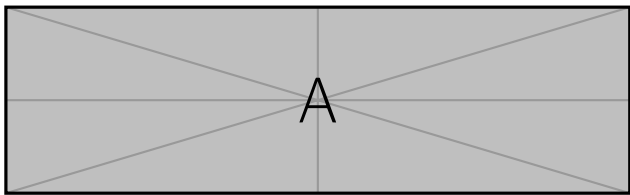
Figure demonstration page B

Figure 7: B: Short caption

Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia.
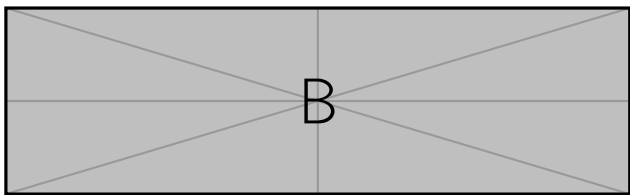

Figure 8: B: *Long caption* Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis.
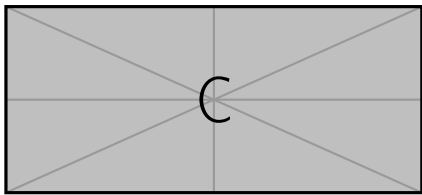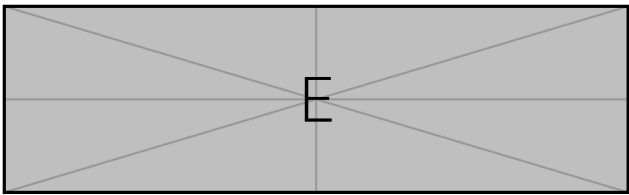

Figure 9: B: small rectangle in the margin.

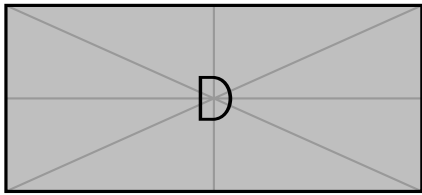| | Long Table Heading | |
|------|-----------|
| Item | Description |
| one | The width of this column depends on the width of the table. |

Table 2: B: Some description

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

Note the larger gaps between the above floats as \marginparpush *was set to* 15pt.

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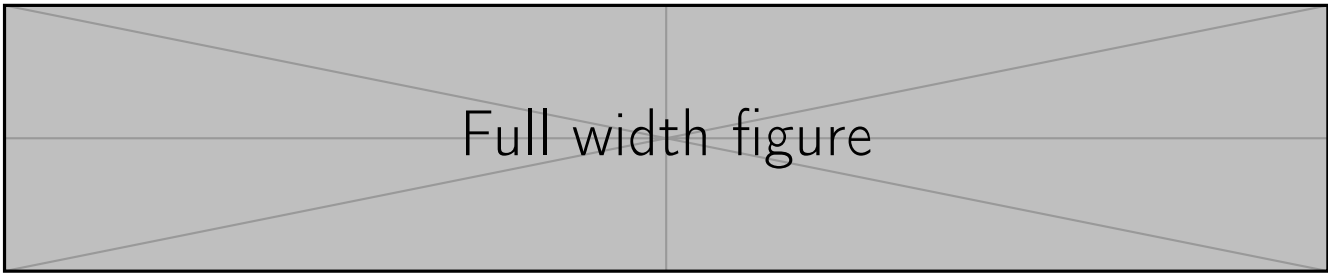

Figure 12: *Full width* Etiam euismod. Fusce facilisis lacinia dui. Suspendisse potenti. In mi erat, cursus id, nonummy sed, ullamcorper eget, sapien. Praesent pretium, magna in eleifend egestas, pede pede pretium lorem, quis consectetuer tortor sapien facilisis magna.

Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.[a]

Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst.

[a] *Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero.*

And a final check

List of Figures

List of Tables