Grid System

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Grid system is a package that implements grid like layouts for LaTeX, as it is commonly known from CSS. You can easily divide your horizontal space into equal parts and assign these to boxes containing your content.

1 Usage

There are two environments to divide your area into boxes: `row` to divide your area into columns and `cell` to fill the area with content:

```
\begin{row}{<Number of columns}{<Number of cells >}
     \begin{cell}{<Number of columns to span>}
          ...
     \end{cell}
     \begin{cell}{<Number of columns to span>}
          ...
     \end{cell}
\end{row}
```

Each cell is created using a `minipage` environment. In future versions the will be a switch to choose either minipages or parboxes.

2 Parameters

There is one optional parameter for the environment `row` right now:

Parameter	Default	Description,
cellsep	1.75em	horizonal space between two cells.

3 Contribute

You want to contribute? Just fork me on Github, start discussions and send me you pull requests:

[bitzl/latex-grid-system](https://github.com/bitzl/latex-grid-system)

4 License

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5 Example

Overview

This shows what you can do with the `grid-system` package and three columns.

Why use it?

Sometimes you need to split your text in several independent columns based on equal division of the available space. This package allows you to easily do so.

Contribute

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Why use it?

Sometimes you need to split your text in several independent columns based on equal division of the available space. This package allows you to easily do so.

Short

This shows the capabilities of grid-system with three equal columns.

Long

Sometimes you need to split your text in several independent columns based on equal division of the available space. This package allows you to easily do so.

6 minipage

(aaaaa)

(bbbbb)

Figure 1: t-SNE visualization of the distribution of (a) representations and (b) maps.

p	Stage I		Stage II			
	PSNR	LPIPS	PSNR	LPIPS	ΔPSNR	ΔLPIPS
8	35.00	0.0000	20.00	0.0000	-10.00	0.0000
16	35.00	0.0000	20.00	0.0000	-10.00	0.0000
32	35.00	0.0000	20.00	0.0000	-10.00	0.0000
64	35.00	0.0000	20.00	0.0000	-10.00	0.0000

Table 1: Ablation studies 1.

MMM	PPP	AAA	PSNR↑	LPIPS↓	VOI-S↓	VOI-M↓
✗	✗	✗	23.00	0.5000	4.0000	2.0000
✗	✓	✓	23.00	0.5000	4.0000	2.0000
✓	✗	✓	23.00	0.5000	4.0000	2.0000
✓	✓	✗	23.00	0.5000	4.0000	2.0000
✓	✓	✓	23.00	0.5000	4.0000	2.0000

Table 2: Ablation studies 2.

7 float layout

Here is a bunch of text that we can put around an image. The image will be shown on the left side of the paper, but our text can go all around it. There will be spacing above and below the image where text can go. This spacing can actually be controlled by using a negative value with `vskip`, but we will not be going into that here. It will be just our little secret: you, me, and the compiler. I hope this is enough dummy text for this example. If not, I will have to type up some more. Oops, I just tried compiling it. Apparently I need to include a bit more. I could go on a bit and tell you more secrets of image placement. Did you know that you can use the `center` environment around the `includeimage` to make things look even prettier? It's true. The control which LaTeX provides with it is nice.