

Grid System

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January 16, 2014

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

1.1 Overview

There are two methods to divide your row into multiple columns. The first one with uppercase **Cell** and **Row** is easier to use as it collects the content of the cells and calculates everything for you. As a result, it might break on certain contents (e.g. footnotes). For such cases, the second method with lowercase **row** and **cell** will work. These are more capable, but need more configuration.

1.2 The simple way

Example:

```
\begin{Row}%  
  \begin{Cell}{2}  
    This is a long row spanning two thirds of the text width. This one cannot have  
  \end{Cell}  
  \begin{Cell}{1}  
    This is a long row spanning one third of the text width.  
  \end{Cell}  
\end{Row}
```

Output:

This is a long row spanning two thirds of the text width. This one cannot have footnotes.

This is a long row spanning one third of the text width.

1.3 The complete way

```
\begin{row}{<Total 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}
```

Example:

```
\begin{row}{3}{2}%  
  \begin{cell}{2}  
  ...  
  \end{cell}  
  \begin{cell}{1}  
  ...  
  \end{cell}  
\end{row}
```

Output:

This is a long row spanning two thirds of the text width^a,
telling your nothing^b.

This is a long row spanning
one third of the text width.

^aYes, really!

^bBut it has footnotes, yeah!

Each cell is created using a minipage environment. In future versions there 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	horizontal space between two cells.

3 Contribute

You want to contribute? Just fork me on Github, start discussions and send me your 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.