

# 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

### 1.1 Overview

### 1.2 Default use:

#### Example:

```
\begin{Row}%  
  \begin{Cell}{2}  
    This is a long row spanning two thirds of the text width.  
  \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 (old) fallback

In earlier implementations, the default interface from above would not work for many content. As this has changed, this fallback will become deprecated in the next version unless someone finds an important case to keep it.

```
\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<sup>a</sup>,  
telling your nothing<sup>b</sup>.

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

---

<sup>a</sup>Yes, really!

<sup>b</sup>But 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,
<code>cellsep</code>	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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[bitzl/latex-grid-system](https://github.com/bitzl/latex-grid-system)

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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.