Grid System

Marcus Bitzl marcus@bitzl.com

February 15, 2014

Grid system is a package that implements grid-like layouts for MEX, 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:

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.

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

^aYes, really!

^bBut it has footnotes, yeah!

4 License

Copyright 2013 Marcus Bitzl

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

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

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

bitzl/latex-grid-system

License

Copyright 2013 Marcus Bitzl

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

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.