The baposter latex poster style

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Abstract

This is still only a very rough documentation, but it should be better than no documentation. If anything is unclear, please post a request (preferably with a patch) at the bugtracker.

1 Introduction

`baposter` is a LaTeX template to efficently design pretty posters for scientific conferences. Posters are composited of blocks with headings, which can be positioned easily on the page, using absolute or relative positioning. A number of predefined styles can be composed to generate new color schemes and ornaments.

2 Usage

Refer to the included example posters for the overall structure. I will document the different keys here. The main environment for the poster is the `poster` environment. It has the following structure

```
\begin{poster}{
  key=value options
  }
  {
    Eye Catcher, empty if option eyecatcher=no
  }
  {
    Poster Title
  }
  {
    Poster Authors
  }
  {
    University Logo
  }
```

```
  Definition of the boxes
```

```
\end{poster}
```

It should be immediately inside the

```
\begin{document}
\end{document}
```

environment, or there will be blank pages.

Additionally, you can pass some options for page size selection directly to the class file.

```
\documentclass[class options]{baposter}
```

2.1   Class Options

The class options are

landscape/portrait Page Layout

a0paper,a1paper,a2paper,a3paper,a4paper,archE Predefined paper sizes

paperwidth=length,paperheight=length Width/Height of the paper. Do not use together with a0paper or other predefined paper sizes.

margin=length Page margin

fontscale=real number Scaling of the poster. The poster is typeset with standard font sizes on a 'fontscale times papersize' paper, and then scaled up by 1/fontscale to the chosen paper size. This ensures good looking font sizes. So if you need to fit more onto a poster, increase the fontscale option to get smaller fonts. But be sure not to choose too small fonts, or your paper will be awful. I find posters with small print a nuisance, and tend to spend more time with well presented and concise content.

showframe Show a frame around the page, mainly useful for debugging.

2.2   Environment Options

The available options are:

grid={yes,no} Display a grid, which can be useful during the layout phase.

columns=4 Number of columns (default 4 in landscape and 3 in portrait format) (maximum number is 6)

colspacing=length Distance between the columns of the poster

headerheight=length Height of the main poster header (not of the headers of the text boxes).

bgColorOne=pgf color name First background color. There are two background color to allow for background gradients.

bgColorTwo=pgf color name Second background color. There are two background color to allow for background gradients.

borderColor=pgf color name Color used for the borders of the poster boxes

headerColorOne=pgf color name First color of box header. Two colors can be used to define gradients.

headerColorTwo=pgf color name Second color of box header. Two colors can be used to define gradients.

textborder=border type Which kind of border should the lower part of the text boxes have. Possible values are:

1. none
2. bars
3. coils
4. triangles
5. rectangle
6. rounded
7. faded

headerborder=header border type At which sides of the text box headers should we draw a border. Possible values are:

1. none
2. closed
3. open

headershape=header border shape The type of ornament of the text box headers. Possible values are

1. rectangle
2. small-rounded
3. roundedright
4. roundedleft
5. rounded

headershade=type of header shading Which shading should be applied to the text box headers. Possible values are

1. plain
2. shade-lr

   3. shade-tb

   4. shade-tb-inverse

boxshade which kind of shading is applied to the text boxes. Possible values are

   1. shade-lr

   2. shade-tb

   3. plain

   4. none

background=poster background type Type of poster background. Possible values are

   1. shade-lr

   2. shade-tb

   3. plain

   4. user: Use the command `\background{...}` to define your own background.

   5. none

headerfont=font definition Commands inserted before a text box header is typeset.

headerFontColor=pgf color name Color that the header is typeset in.

eyecatcher={yes,no} Should an eye catcher be shown on the left of the title page. The eyecatcher itself is defined in the second argument of the poster environment.

linewidth=length Width of the lines used when drawing the poster.

3   Author and Licence

The author is Brian Amberg, and the class is distributed under the GPL. The current version and documentation can be found at `http://www.brian-amberg.de/uni/poster/`.