gridslides: LaTeX package to create free form slides with blocks placed on a grid

This package allows to create free form slides with blocks placed on a grid. The blocks can be filled with text, equations, figures etc. This allows more flexible slides similar compared to LaTeX beamer. Sequential unconvering of elements is supported. A compiler script is provided which compiles each slide separately, avoiding long compile times this way.

Example

See the file `example.tex` and `example.pdf`. Each slide is compiled separately using `compile.pl example.tex`.

Supported commands

This package provides only a handful of commands, which allow to create slides and with blocks at fixed positions.

Slides/Pages

```
\begin{slide}{Slide title}
  Slide content
\end{slide}

\begin{rawslide}
  Raw slide without title and style
\end{rawslide}

\begin{style}
  Define style which underlies all slides.
  Best used together with \bg{filename}!
\end{style}

\begin{style}
  \bg{figure-filename}
\end{style}
```

Slide content blocks

The slide is divided in a 32x24 grid.

```
\bg{figure-filename}
\txt(x,y){Text content}
\block(x,y,w){Arbitrary content}
\fig(x,y,w){figure-filename}
\eq(x,y){a^2 + b^2 = c^2}
```

Sequential uncovering

Each slide can be split in multiple steps by defining blocks with `<n-m>` annotations.

```
\txt<1->(x,y){On slide step 1 to n}
\block<2>(x,y,w){Only on step 2}
\only<2-3>{
  \block(x,y){Block content}
}
```

Metadata

```
\author{Author}            defines \theauthor
\title{Presentation Title} defines \thetitle
\date{Date}                defines \thedate
\institute{Institute}      defines \theinstitute
\theheadline defined by slide title
\theslide defined by slide number
```

Alternatives

- beamer
- ffslides
- prosper
- pure tikz or pstricks

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