

Documentation *acmebeammer*

Cédric Maclair

Onera/DTIM

February 7, 2011

Overview

Minor additions

- ▶ Title page
- ▶ Table of contents
- ▶ Page numbers
- ▶ Head/Footline
- ▶ Frametitle

Extra features

- ▶ S(uper)itemize environment
- ▶ Blocks on steroids
- ▶ One more thing

Title page

- ▶ Use `\maketitle` to typeset title page.
 - ▶ Use `\setbeamertemplate` to set title page.
 - ▶ Use `\titlegraphic` to set value of `\inserttitlegraphic`.
-
- ▶ `\maketitle[\langle options to \setuptitlepage [...] \rangle]
 [\langle options to \begin{frame} [...] \rangle]`
 - ▶ Use `\setuptitlepage[...]` to set options.
 - ▶ `lineoffset`: line v-position of default template;
 - ▶ `logo`: `institute` or `none`;
 - ▶ `customlogo`: set value of `\logo`.

Table of contents

Use `\frametoc` to typeset table of contents. **Beware**, optional argument comes **after** frametitle (possibly left empty).

```
\frametoc{\<title>}[\<options to \tableofcontents[...]>]
```

Page numbers

Use `\setuppagenumbers[...]` to set options.

- ▶ style: plain, boxed or none;
- ▶ custom: set value directly.

Head/Footline

Use `\setupheadline/\setupfootline[...]` to set options.

- ▶ `left/center/right`: (sub)section, title, subtitle, author, date (all short version), page numbers or empty;
- ▶ `{left|center|right}/subsection`:
text (same as `...=subsection`), bullets or squares;
- ▶ `frame`: passed to containing `\framed[...]{...}`
(see extra features at end of document).

Frametitle

- ▶ `frametitle` template modified to reclaim space if no title. Subtitle use space always, empty or not (may change).
- ▶ **New feature: automatic titles.** Enable with `\acmeframetitlehack` (included at end of `\maketitle`).
- ▶ No title provided: subsection if not empty, or else section, or else empty template (with typeset subtitle if provided).
- ▶ Title provided: normal behaviour.
 - ★ `\begin{frame}{\langle title \rangle}{\langle subtitle \rangle}...\end{frame};`
 - ★ `\begin{frame}`
 - `\frametitle{\langle title \rangle}`
 - `\framesubtitle{\langle subtitle \rangle}`
 - `...`
 - `\end{frame}`

S(uper)itemize environment

New environment: choose level of itemization.

Use `\begin{sitemize}[\langle offset \rangle] \dots \end{sitemize}`; can be 1, 2 or 3, *relative to current nesting level*.

General overview

- ▶ Title becomes optional **but still in braces**; then new options
`\begin{⟨block⟩}{⟨title⟩}[⟨options⟩]...\end{⟨block⟩}.`
- ▶ Options
 - ▶ width: set width of block; whole block
 - ▶ color: *xcolor* or *beamer* color name; whole block
 - ▶ align: default, flushleft, flushright, center, top, bottom, middle or {X,Y}; whole block
 - ▶ title/bodycolor: *xcolor* or *beamer* color name; title/body
 - ▶ title/bodystyle: set style (mostly font); title/body
 - ▶ title/bodyalign: see above; title/body
 - ▶ bodyheight: set height of body part. body
- ▶ Advanced options
title/bodycustomframe, title/bodycustombackground
and title/bodyoptions, all three passed to `\framed`.

New and customized blocks

- ▶ Create with `\defineblock(s)[<name(,...)>][<options>]`
 - ▶ **inherit defaults**: use `\defineblock[<name>][<override>];`
 - ▶ **copy a block**: use `\defineblock[<to>][<from>];`
 - ▶ same with plural form, only several new block names.
- ▶ Customize with `\setupblock(s)[<name(,...)>][<options>]`
 - ▶ **set all**: use `\setupblocks[<options>];`
 - ▶ **set specific block(s)**: use `\setupblock(s)[<name(,...)>][<options>].`

See previous page for available options.

One more thing

(1/2)

Welcome framed & framedtext from *acmetoolbox*

- ▶ Frame small snippets with `\framed[⟨options⟩]{...}` & `\inframe[⟨options⟩]{...}`
 - ▶ `width, height*`: dimensions of the box;
 - ▶ `frame†`: on or off;
 - ▶ `margin†`: dimension *outside* the box, contribute to width/height;
 - ▶ `offset†`: dimension *inside* the box;
 - ▶ `align`: default, flushleft, flushright, center, top, bottom, middle or {X,Y};
 - ▶ `left/right/top/bottom`: added material around content;
 - ▶ `customframe`: custom TikZ commands to draw frame;
 - ▶ `custombackground`: custom TikZ commands to draw background;
 - ▶ `tikzoptions`: passed to tikzpicture environment.
- ▶ Frame larger chunks with `\begin{framedtext}[⟨options⟩]...\end{framedtext}`
Same options as `\framed`, only width defaults to `\textwidth`.

*Can be preceded by {min|max}, e.g. `maxwidth=0.8\textwidth`.

†Can be preceded by {left|right|top|bottom}, e.g. `rightframe=on`.

One more thing

(2/2)

Highlight text and pieces of equations conveniently

- ▶ Use `\hl<spec>[<options>]{<text>}` to mark text.
- ▶ Use `\placehlmark[<name>]{<text>}` to place a named mark.
- ▶ Use `\hlmarks[<options>]{<(n1) (n2) ...>}` to highlight marks named `n1`, `n2`, ...