A TUM RCS theme for LaTeX beamer class

Better presentations

Martin Becker[1]   Martin Becker[2]

[1]Real-Time Computer Systems (RCS)
Technische Universität München

[2]Real-Time Computer Systems (RCS)
Technische Universität München

July 8, 2022

Table of contents

About

- a LaTeX beamer theme according to TUM CI (2016)
  - colors, fonts, arrangements, ... all compliant!
- this presentation is shipped as `example.tex`
- just run it through `pdflatex`
- only for pdflatex, latex not supported
  - only because TUM fonts are not available then

Install Notes

- install this template following README
- optionally, install TUM fonts first:
  - grab TUM's Latex brief class *from mytum.de*:
    http://portal.mytum.de/corporatedesign/download/LaTeX_Vorlagen/tum-texmf-2.0.85.tgz
    http://portal.mytum.de/corporatedesign/download/LaTeX_Vorlagen/tum-texmf-2.0.85.zip
  - and follow their install instructions
- then enable the fonts with the `tumfont` option

Using the theme

What options do I have?

General usage:

```
\usetheme[option1,option2,...]{rcs}
```

With the following options:

- default is a CI-compliant scheme
- more space (move slide title to top of frame), use nonci
- to switch the TUM logo for the RCS logo use rcslogo
- To get a title page with background image use titleimage
- To add header/footer separation lines, use headfootlines
- Suggested options (not TUM CI compliant)

  ```
  \usetheme[nonci]{rcs}
  ```

- Last but not least, use this to get a handout version with 4 slides per page: \documentclass[handout]{beamer}

Using the theme (2)

Can I change placement of logos?

- If you don't like the CI-compliant slide layout, there is an alternative that uses smaller fonts and places the headings above headsepline:

  ```
  \usetheme[nonci]{rcs}
  ```

- For conferences, there is a switch to disable all logos except on the title page:

  ```
  \usetheme[conference]{rcs}
  ```

- above two options cannot be used together

Using the theme (3)

Changing Fonts

- by default, this template uses lmodern fonts (sans serif)
- if you want the TUM font or you get serif fonts, then use

```
\usetheme[tumfont]{rcs}
```

Without title something is missing.

unnumbered lists

This is something important that needs to be stressed. And *this is emphasized*.

unnumbered lists

- Introduction to LaTeX
- Course 2
- Termpapers and presentations with LaTeX
- Beamer class

block

This is a Block

This is important information

example block

This is an Example block

This is an example

alert block

> **This is an Alert block**
>
> This is an important alert

code blocks

Beautified and highlighted in CI colors as well ...

```c
printf("Hello World!\n");
if (1 == 1) {
  int a = 0;
} else {
  /* get out */
  return false;
}
```

numbered lists

1. Introduction to LaTeX
2. Course 2
3. Termpapers and presentations with LaTeX
4. Beamer class

numbered lists with pause

1. Introduction to LaTeX

1 Introduction to LaTeX
2 Course 2

numbered lists with pause

1. Introduction to LaTeX
2. Course 2
3. Termpapers and presentations with LaTeX

numbered lists with pause

1. Introduction to LaTeX
2. Course 2
3. Termpapers and presentations with LaTeX
4. Beamer class

Images

- some text goes here
- this is a flower