

The Bayreuth L^AT_EX beamer theme

Sebastian Friedl
sfr682k@t-online.de

August 29, 2017

Abstract

Under construction. The Bayreuth beamer theme is a simple, highly configurable L^AT_EX beamer theme using colors from the city of Bayreuth’s logo.

Contents

Dependencies and other requirements	2
Call for cooperation	2
Style sample	2
License	2
1 Using the theme	2
2 Theme options	2
3 Roadmap	4

Dependencies and other requirements

The Bayreuth theme requires L^AT_EX 2_ε and the packages requested by the beamer class. Currently, there are no dependencies on other packages.

Call for cooperation

Please report bugs and other problems as well as suggestions for improvements to my email address (sfr682k@t-online.de).

Style sample

The style sample shown in figure 1 was made using the sample presentation “Writing presentations in L^AT_EX beamer?” created by Sebastian Friedl¹.

License

© 2017 Sebastian Friedl

This work may be distributed and/or modified under the conditions of the L^AT_EX Project Public License, either version 1.3c of this license or (at your option) any later version.

The latest version of this license is available at <http://www.latex-project.org/lppl.txt> and version 1.3c or later is part of all distributions of L^AT_EX version 2008-05-04 or later.

This work has the LPPL maintenace status ‘maintained’. The current maintainer of this work is Sebastian Friedl.

This work consists of the following files:

- beamerthemeBayreuth.sty and
- beamerthemeBayreuth_documentation.tex

1 Using the theme

For using the theme you have to copy the file beamerthemeBayreuth.sty into the folder containing the master file of your presentation. Advanced users may also install the style file on their local system.

After that, simply use the command `\usetheme{Bayreuth}` to set the theme used in your presentation to the Bayreuth theme.

2 Theme options

Passing some options to the theme influences the way it behaves.

Syntax: `\usetheme[<option1>, <option2>, ...]{Bayreuth}`

Available options:

Actually, there are no options available. But there will be some.

¹Source available on GitHub (*Licensed under the WTFPL*)

Writing presentations in \LaTeX beamer?
Does this make sense?

Sebastian Friedl (sfr682k@t-online.de)
Dedicated to both, \LaTeX beamer's developers and (possible) users
August 29, 2017

Contents

Why should I use \LaTeX beamer?
Advantages
Disadvantages
Conclusion

Why should I use \LaTeX beamer?
A simple argument

Because it's better! Ever done stuff like this ...

Coulomb's law

It is commonly known that the force F interacting between statical electrical particles is described by

$$F = k_e \frac{q_1 q_2}{r^2}$$

where q_1, q_2 represent the signed magnitude of the charges and r the distance between them. k_e is defined as $\frac{1}{4\pi\epsilon_0}$.

... in PowerPoint¹? IMPOSSIBLE ...

¹or one of its Open Source alternatives?

Advantages

- You can use normal \LaTeX code
 - Structure your presentation with `\section & Co.` and generate a table of contents with `\tableofcontents`
 - Insert formulas like you are used to
 - Useful, presentation specific commands available:
 - Create overlays (e. g. with `\uncover` or `\only`)
 - Color blocks and boxes
- Your presentation always looks like the same ...
on every computer and platform!!
Only a program capable of displaying .pdf files in fullscreen mode is required

Disadvantages

- Big disadvantages: *There are none!*
- "Real" disadvantages:
 - Some things easily possible in PowerPoint are hard to fulfil and need some "out of the box"-thinking
 - The ugly Computer Modern fonts are used by default
- No real disadvantages:
 - You can simply mix itemizations and enumerations:
 - You're getting confused about that?
 - It's your problem, not mine ...
 - You'll have to learn some \LaTeX commands if you didn't do so
 - \LaTeX is an enrichment and capable of (nearly) everything!
 - "Out of the box"-thinking trains your brain!

Conclusion

Switch to \LaTeX !

\LaTeX is nearly almighty! You can even typeset sudokus with it ...

\LaTeX doesn't cost a single cent!

Just download the current version of T \LaTeX Live from tug.org

Warning!

Actually, some people are simply too dumb for using \LaTeX or recognizing the big advantages of it.

Appendix frames

For creating appendix frames, just begin an appendix part with the `\appendix` command like you do in other \LaTeX documents.

If you don't want appendix frames being counted into the total number of frames you may load the `appendixnumberbeamer` package in your document's preamble.

Figure 1: Style sample of the Bayreuth theme

3

3 Roadmap

Done tasks are labeled with a checkmark (✓), tasks left to do with an arrow (→).

- ✓ Basic color definitions
- ✓ Frame title templates defined
- Template for title frame
- Innerstyling
- Head- and footline templates
- Templates for structure frames
- Add support for large frame numbers (with a fancy progress bar)
- Full color theme
- Full font theme

List of Figures

I	Style sample of the Bayreuth theme	3
---	--	---