

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

Why should I use \LaTeX beamer?

Advantages

Disadvantages

Conclusion

Why should I use L^AT_EX 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

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

where q_1 , q_2 represent the signed magnitude of the charges and r the distance between them. k_{ϵ} 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

1. **Big disadvantages:** *There are none!*
2. **“Real” disadvantages:**
 - 2.1 Some things easily possible in PowerPoint are hard to fulfil and need some “out of the box”–thinking
 - 2.2 The ugly Computer Modern fonts are used by default
3. **No real disadvantages:**
 - 3.1 You can simply mix itemizations and enumerations:
 - ▶ You’re getting confused about that?
 - ▶ It’s your problem, not mine ...
 - 3.2 You’ll have to learn some \LaTeX commands if you didn’t do so
 - 3.2.1 \LaTeX is an enrichment and capable of (nearly) everything!
 - 3.2.2 “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 \TeX Live from tug.org

Warning!

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

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.