



Metropolis

A modern beamer theme

Matthias Vogelgesang

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Center for modern beamer themes

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Introduction

The **METROPOLIS** theme is a Beamer theme with minimal visual noise inspired by the HSRM Beamer Theme by Benjamin Weiss.

Enable the theme by loading

```
\documentclass{beamer}  
\usetheme{metropolis}
```

Note, that you have to have Mozilla's *Fira Sans* font and XeTeX installed to enjoy this wonderful typography.

Sections group slides of the same topic

```
\section{Elements}
```

for which **METROPOLIS** provides a nice progress indicator ...

Titleformats

METROPOLIS supports 4 different titleformats:

- Regular
- SMALLCAPS
- ALLSMALLCAPS
- ALLCAPS

They can either be set at once for every title type or individually.

This frame uses the `smallcaps` titleformat.

Potential Problems

Be aware, that not every font supports small caps. If for example you typeset your presentation with pdfTeX and the Computer Modern Sans Serif font, every text in `smallcaps` will be typeset with the Computer Modern Serif font instead.

This frame uses the `allsmallcaps` titleformat.

Potential problems

As this titleformat also uses `smallcaps` you face the same problems as with the `smallcaps` titleformat. Additionally this format can cause some other problems. Please refer to the documentation if you consider using it.

As a rule of thumb: Just use it for plaintext-only titles.

This frame uses the `allcaps` titleformat.

Potential Problems

This titleformat is not as problematic as the `allsmallcaps` format, but basically suffers from the same deficiencies. So please have a look at the documentation if you want to use it.

Elements

The theme provides sensible defaults to `\emph{emphasize}` text, `\alert{accent}` parts or show `\textbf{bold}` results.

becomes

The theme provides sensible defaults to *emphasize* text, **accent** parts or show **bold** results.

Font feature test

- Regular
- *Italic*
- SMALLCAPS
- **Bold**
- ***Bold Italic***
- BOLD SMALLCAPS
- Monospace
- Monospace *Italic*
- **Monospace Bold**
- **Monospace Bold *Italic***

Items

- Milk
- Eggs
- Potatos

Enumerations

1. First,
2. Second and
3. Last.

Descriptions

PowerPoint Meeh.
Beamer Yeeeha.

- This is important

- This is important
- Now this

- This is important
- Now this
- And now this

- This is really important
- Now this
- And now this

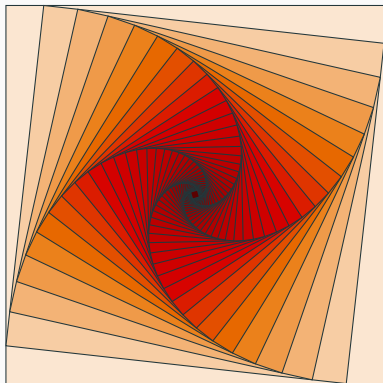


Figure 1: Rotated square from texample.net.

Table 1: Largest cities in the world (source: Wikipedia)

City	Population
Mexico City	20,116,842
Shanghai	19,210,000
Peking	15,796,450
Istanbul	14,160,467

Blocks

Three different block environments are pre-defined and may be styled with an optional background color.

Default

Block content.

Default

Block content.

Alert

Block content.

Alert

Block content.

Example

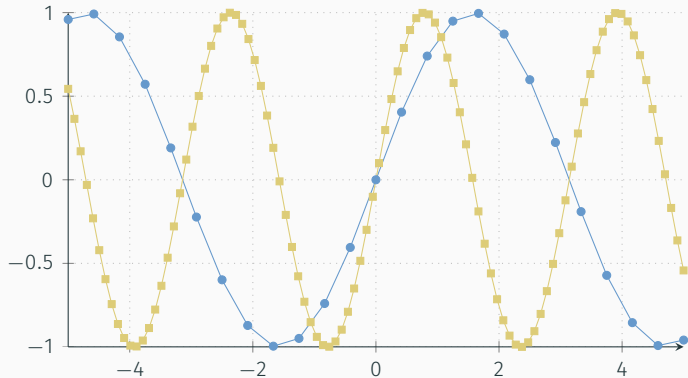
Block content.

Example

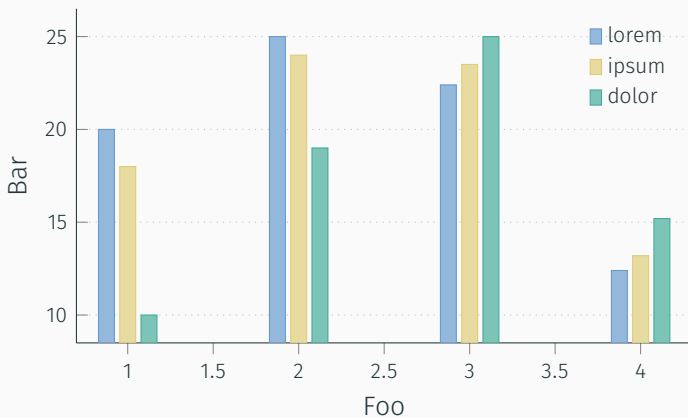
Block content.

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

Line plots



Bar charts



Veni, Vidi, Vici

Some references to showcase [allowframebreaks] [4, 2, 5, 1, 3]

Conclusion

Get the source of this theme and the demo presentation from

`github.com/matze/mtheme`

The theme *itself* is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.



Questions?

References I



P. Erdős.

A selection of problems and results in combinatorics.

In *Recent trends in combinatorics (Matrahaza, 1995)*, pages 1–6.
Cambridge Univ. Press, Cambridge, 1995.



R. Graham, D. Knuth, and O. Patashnik.

Concrete mathematics.

Addison-Wesley, Reading, MA, 1989.



G. D. Greenwade.

The Comprehensive Tex Archive Network (CTAN).

TUGBoat, 14(3):342–351, 1993.



D. Knuth.

Two notes on notation.

Amer. Math. Monthly, 99:403–422, 1992.



H. Simpson.

Proof of the Riemann Hypothesis.

preprint (2003), available at

<http://www.math.drofnats.edu/riemann.ps>, 2003.