tutorial

A light Beamer theme for academics

Jeff M Xu

github.com/jeffmxu

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Outline

tutorial

- ▶ A light modern Beamer theme with...
  - ▶ flat style based on Szeged
  - ▶ energetic text colors
  - ▶ light or minimal visual noise
- ▶ Adjusted for academics with...
  - ▶ traditional blended blue × white whale color theme
  - ▶ maximized frame content space
  - ▶ optional headline and footline information
- ▶ Influenced by METROPOLIS by Matthias Vogelgesang

light × minimal

Figure light × minimal Style Option Gallery

a   light & minimal   b   light

c   minimal   d   default

Colors

Blended
Blue

RGB: 51, 51, 178

Beach
Pink

CMYK: 00, 87, 68, 00

Rich
Black

CMYK: 50, 50, 50, 100

Beach
Teal

CMYK: 86, 00, 24, 29

Fonts

- Regular
- Accent
- *Emphasize*
- *Italic*
- SMALLCAPS

- **Bold**
- ***Bold Italic***
- **BOLD SMALLCAPS**
- `Monospace`
- `Monospace Bold`

Math

Euler's Formula

$$e^{\imath x} = \cos x + \imath \sin x$$

where $\imath \equiv \sqrt{-1}$. $x = \pi$ gives following beautiful identity

$$e^{\imath \pi} + 1 = 0$$

Theorem (Cauchy Integral)

If f(z) is analytic in some simply connected region R, then

$$\oint_\gamma f(z)\, dz = 0$$

for any closed contour γ completely contained in R.

Theme & Typeface

tutorial Beamer theme

frequent put `sty` files into your Beamer theme `texpath`

occasional leave them aside with your main `tex` file

Fira Sans typeface

xelatex *recommend* to install Mozilla Fira Sans typeface

pdflatex MiKTeX might install `FiraSans`, `FiraMono` and `newtxsf` packages on the fly

Presentation

Enable light and minimal tutorial by loading

```
\documentclass{beamer}
\usetheme[light,minimal]{tutorial}
```

Note that the options can be also passed to beamer.

Customize colors by loading

```
\setbeamercolor*{structure}{fg=main,bg=background}
\setbeamercolor{alerted text}{fg=alert text color}
```

Packages

Table Packages Loaded by `tutorial`, Current Demo and Beamer

	Package	
tutorial	tikz	
demo	ccicons	lstings
	subcaption	
beamer	amsmath	amssymb
	graphicx	xcolor
	enumerate	hyperref
	⋮	

Limitations

- ▶ headline section navigation bar *always* coexists with footline information
- ▶ math and text font theme not yet carefully adjusted
- ▶ *fixed* frame numbering style
    - ▶ frame number only for minimal
    - ▶ otherwise shown as a fraction
- ▶ theme options *cannot* `\PassOptionsToClass` or `\PassOptionsToPackage` through command line
- ▶ common Beamer `compress` option untuned

Licensing

Get the source of **tutorial** and its demo from

    github.com/jeffmxu/beamer-theme-tutorial

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