tutorial

A light Beamer theme for academics

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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

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

	Package	
tutorial	tikz	
demo	ccicons	lstings
	subcaption	
beamer	amsmath	amssymb
	graphicx	xcolor
	enumerate	hyperref
	$\vdots$	

Table Packages Loaded by tutorial, Current Demo and Beamer

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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