"Mirage" Beamer Theme "蜃楼" beamer 主题

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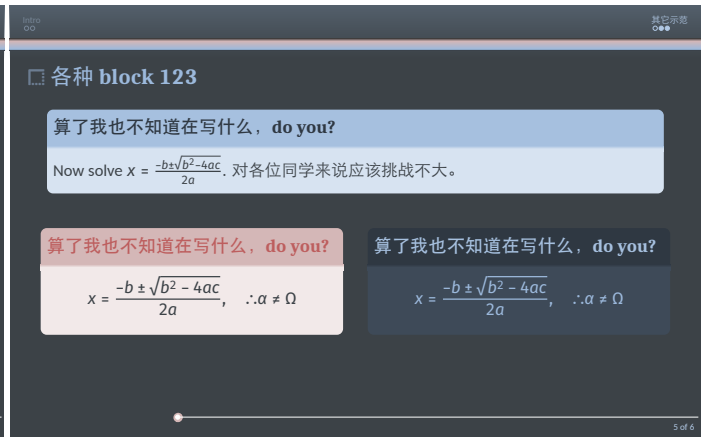v1.1: 2024-10-24
https://github.com/liantze/beamerthemeMirage

Abstract

A beamer theme inspired by the album art of Zhou Shen's song *Mirage*, the lead single from his album *Shenself*.

摘要

基于周深《反深代词》专辑的先行曲《蜃楼》歌曲封面，二创的 beamer 主题。

1 Basic Usage

Two modes are available: the default has a dark look, while the `light` mode may be more suitable for printouts.
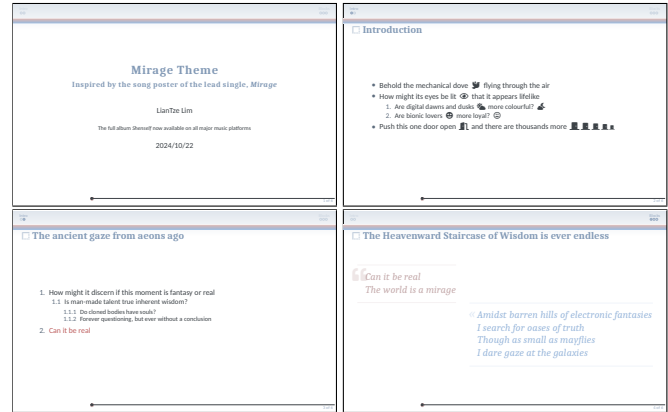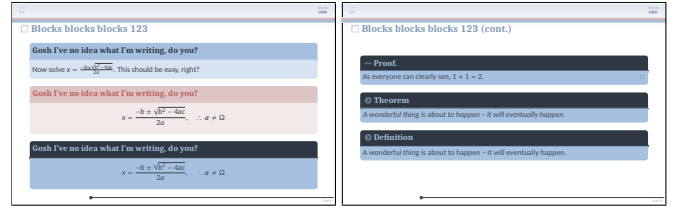
```
\usetheme{Mirage}   OR   \usetheme[light]{Mirage}
```

The English sample files `*-en.tex` can be compiled with pdfLaTeX, XeLaTeX or LuaLaTeX; but compile the Chinese sample files `*-zh.tex` with XeLaTeX. Compile twice to get the correct total number of frames in the footer.

1 基本用法
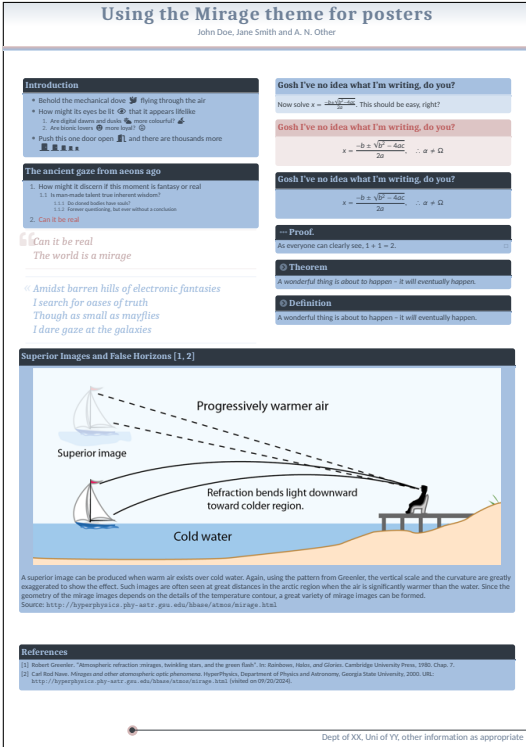
两种模式可选：默认模式颜色深沉，`light` 模式颜色较浅，较适合列印。详细使用方法可参考示范.tex 文档。

```
\usetheme{Mirage}   OR   \usetheme[light]{Mirage}
```

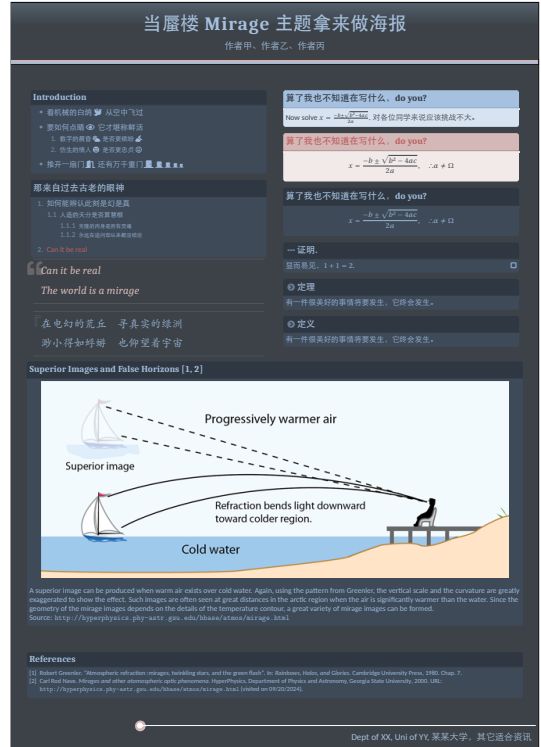英文示范文档 `*-en.tex` 可用 pdfLaTeX, XeLaTeX 或 LuaLaTeX 编译。中文示范文档 `*-zh.tex` 请用中文编译。页脚里的幻灯片帧数需多次编译才能正确显示。

2 Posters

With some modificatons, the Mirage theme can be used for creating posters, too. See `poster-en.tex` and `poster-zh.tex` for examples, utilisting the `beamerposter` package.

2 海报

"蜃楼"主题也可以和 `beamerposter` 搭配使用制作海报，请参照 `poster-zh.tex` 及 `poster-en.tex`.

3 Some simple customisation options

- The Mirage theme itself doesn't set any body fonts, so you can load your own preferred fonts in your `.tex` files.

- The sample `.tex` files load the font packages `caladea`, `carlito`, `newtxsf` for the English (pdfLaTeX) samples, and `Fira Math` for the Chinese (XeLaTeX) samples. You can change these as you like.

- `pullquote` used in frame 4 is a custom environment. You can change its beamer font and color, or re-define the `\MiragePullquoteOpen` marker (see frame 4).

- Other markers that can be `\renewcommand`:
  - `\MirageFrametitlePrefix`
  - `\MirageProofPrefix`
  - `\MirageTheoremPrefix`

  for prefix icons of the frame title, `proof` block title and `theorem`-like block titles. (See commented code before frame 5.)

- The Mirage theme loads `fontawesome5`, so you can use icons provided by this package.

3 一些可调整的元素

- "蜃楼"本身并没有设置任何字体，用户可以自行在 `.tex` 导言曲加载自己喜欢的宏包或设置字体。

- 示范的 `.tex` 档案导言区加载了 `caladea`、`carlito`、`newtxsf` (仅限英文pdfLaTeX示范文档)、`Fira Math` (仅限中文 XeLaTeX 示范文档)。这些都是可以自行更换的！

- 第 4 帧幻灯片里用的 `pullquote` 环境是"蜃楼"主题自定义的。它的 beamer font、color 都是可以更换的，也可重新定义前缀装饰 `\MiragePullquoteOpen` marker (详见第 4 帧幻灯片示范代码)。

- 其它可以 `\renewcommand` 的装饰：
  - `\MirageFrametitlePrefix`
  - `\MirageProofPrefix`
  - `\MirageTheoremPrefix`

  这些是 frame title、`proof` block title 以及 `theorem` 之类 block titles 的前缀装饰。(详见第 5 帧幻灯片之前的注释)

- "蜃楼"主题已加载 `fontawesome5` 宏包，可以尽情使用此宏包提供的符号。

- \MirageGlowRadius is a length controlling the size of the glowy circle in the footline; especially useful when creating posters with `beamerposter`.

- \MirageGlowRadius 是用来控制页脚的小光球半径的 length；制作海报时可以酌量加大。

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