Un thème beamer Université de Rennes 2

Metropolis customisé (dérivé du thème non officiel de Jönköping University)

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ATTENTION

- Ce thème n’est pas un thème officiel UR2
- Il ne respecte pas complètement la charte graphique UR2

TABLE DES MATIÈRES SUR 2 COLONNES

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CHAMP DES POSSIBLES

1 ○ ○

- Copiez le répertoire `sty/` dans votre projet.
- Utilisez ce thème en incluant l'en-tête suivante dans votre document Beamer :

```
\usetheme[maincolor=red]{metropolis-ur2}
```

- Plus précisément, ce document a été généré avec l'en-tête :

```
1  \usetheme[%
2      progressbar=frametitle, block=fill,
3      numbering=fraction, footer=crumbs,
4      sectionpage=numbered, subsectionpage=none,
5      titleformattitle=smallcaps, titleformatsubtitle=smallcaps,
6      %%% Options spécifiques au thème UR2:
7      maincolor=red]{metropolis-ur2}
```

Extrait de code : Options de thème.

OPTIONS : COULEUR

- L'option `maincolor` permet de définir le jeu de couleurs à utiliser pour la diapositive en cours.
- Les trois choix possibles sont `red` (par défaut), `white` ou `grey`.
- Ce diaporama utilise `maincolor=red` mais cette diapositive a été forcée à `maincolor=grey` via :

```
\metroset{maincolor=grey}
```

(voir le code source de cet exemple pour plus d'infos)

OPTIONS : LOGOS

- L'option `titlelogo` définit le logo à insérer dans la diapositive de titre. Les valeurs possibles sont :
  - `none`: pas de logo
  - `urdeux`: le logo UR2 (par défaut)
- L'option `headlogo` fait la même chose pour le logo de la ligne de titre des diapositives.

Options : divers

En plus des options standard du thème Metropolis, ce thème utilise quelques options issues de colorful-dream:

- `footer=crumbs` indique la section / sous-section en cours dans le bas de page.
- `sectionpage=numbered` génère une page de titre pour chaque section.
- `subsectionpage=numbered` fait de même pour les `subsections` *(pas activé dans cette présentation)*.

LAYOUT: SPACING

It’s nice to have less text per slide!

- Frames now have an additional `stretch` key with a stretch factor as an optional value (defaults to 2). It will increase spacing between paragraphs and list items.
- The idea is to make it easier to stretch slide contents, *without* littering the code with `\vspace{...}` commands everywhere.
- This slide uses `stretch=3.5`.

Layout: two-column layout

To quickly get a two-column layout, you can use:

```
\twocol{First column here.}{Second column here.}
```

By default, this will make both columns equally wide, namely `0.475\linewidth`.

An optional argument can be used to specify a different factor for the first column. Here, I used `0.3`.

The second column will automatically expand so that the two columns combined take up `0.95\linewidth`. *(This is less than 1 so that there is some padding between them.)*

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COLORS

COLORS

This theme defines the following colors that you can use anywhere in your presentation. They are all based on the color values in JU's official Graphic Manual.

ur2Rouge 

ur2Gris 

ur2Jaune

ur2Turquoise 

ur2Bleu 

ur2GrisClair 

USING COLORS

Colors can be used with any commands, for example:

`\textcolor{ur2Jaune}{Lorem ipsum}`	Lorem ipsum

Some predefined commands that use these colors:

`\alert{Lorem ipsum}`	Lorem ipsum
`\alertExample{Lorem ipsum}`	Lorem ipsum
`\highlight{Lorem ipsum}`	Lorem ipsum

The colors are also used in different predefined environments and blocks.

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ENVIRONNEMENTS

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Enumerate environments

Combine `\metroset{itemize=colored}` with `\setbeamertemplate{enumerate items}[mycircle]` to get:

1. One
   a. alpha
      i. foo
      ii. bar
      iii. baz
   b. omega
2. Two
3. Three

QUOTATIONS

> *Beautiful is better than ugly. Explicit is better than implicit. Simple is better than complex. […] Readability counts.*
>
> — Tim Peters, from The Zen of Python

The quotation above can be produced via:

```
\begin{quote}
  Beautiful is better than ugly.
  Explicit is better than implicit.
  Simple is better than complex. [\ldots]
  Readability counts.
\end{quote}
\attribution{Tim Peters, from \textsc{The Zen of Python}}
```

This is a standout slide.

Standout slides are a Metropolis feature activated through the `[standout]` frame option.

In contrast to Metropolis defaults, here it will have the logotype headline, footer, and frame numbering.

These are beamer blocks with `block=transparent`.

This is a regular `block`.

Here is some content.

This is an `alertblock`.

Here is some content.

This is an `exampleblock`.

Here is some content.

This is a `warningblock`.

Here is some content.

These are beamer blocks with `block=fill`.

This is a regular `block`.

Here is some content.

This is an `alertblock`.

Here is some content.

This is an `exampleblock`.

Here is some content.

This is a `warningblock`.

Here is some content.

Code Blocks

Since I frequently need to show code examples, I defined some styles and custom commands that can be included with:

```
\usepackage{myminted}
```

This uses the `minted` package to typeset code with automatic syntax highlighting.

Important

Every frame that contains code must have the `[fragile]` option set, or compilation will break with many cryptic errors!

Code blocks

I also defined some commands to easily produce code blocks like the following; see the LaTeX source for details:

```java
// Your First Program

class HelloWorld {
  public static void main(String[] args) {
    System.out.println("Hello, World!");
  }
}
```

Listing 1: A hello world program in Java.

BIBLIOGRAPHY

I use **biblatex** with some custom definitions, which I also bundled in their own package:

```
\usepackage{mybiblatex}
```

Mainly, this will suppress output of URLs and DOIs, and instead turn the paper title into hyperlinks. Here's an example:

- Taichi Iki and Akiko Aizawa. "Language-Conditioned Feature Pyramids for Visual Selection Tasks". In: *Findings of the Association for Computational Linguistics: EMNLP 2020*. Online: Association for Computational Linguistics, Nov. 2020, pp. 4687–4697. DOI: 10.18653/v1/2020.findings-emnlp.420. URL: https://aclanthology.org/2020.findings-emnlp.420

BIBLIOGRAPHY

[1] Taichi Iki and Akiko Aizawa. "Language-Conditioned Feature Pyramids for Visual Selection Tasks". In: *Findings of the Association for Computational Linguistics: EMNLP 2020*. Online: Association for Computational Linguistics, Nov. 2020, pp. 4687–4697. DOI: 10.18653/v1/2020.findings-emnlp.420. URL: https://aclanthology.org/2020.findings-emnlp.420.

[2] Marcel Krüger and Font Awesome. *The* `fontawesome5` *package*. CTAN. 2021. URL: http://mirrors.ibiblio.org/CTAN/fonts/fontawesome5/doc/fontawesome5.pdf.

[3] Geoffrey M. Poore. *The* `minted` *package: Highlighted source code in LaTeX*. CTAN. 2017. URL: http://tug.ctan.org/macros/latex/contrib/minted/minted.pdf.

This slide also demonstrates that appendices work & play nicely with the other features!


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